STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING							FOR	RM 3	
APPLI	CATION FOR	PERMIT TO DRILL				1. WELL NAME and NUMBER Federal 34-19G-9-19			
2. TYPE OF WORK DRILL NEW WELL (REENTER P&	A WELL DEEPEN	N WELL			3. FIELD OR WILD	PCAT PARIETTE BENCH		
4. TYPE OF WELL Oil We	ell Coalbe	ed Methane Well: NO				5. UNIT or COMMU	JNITIZATION AGRE	EMENT NAME	
6. NAME OF OPERATOR	GASCO PRODUCT	TON COMPANY				7. OPERATOR PHO	ONE 303 483-0044		
8. ADDRESS OF OPERATOR 8 Inverness	Dr. East, Suite 10	00, Englewood, CO, 801	.12			9. OPERATOR E-M	AIL gwell@gascoenergy.c	om	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-76033		11. MINERAL OWNER FEDERAL INDI	RSHIP AN STATE () _[EE	12. SURFACE OWN			
13. NAME OF SURFACE OWNER (if box 12	= 'fee')			T		14. SURFACE OWN	NER PHONE (if box	12 = 'fee')	
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	NER E-MAIL (if box	12 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COMP		ION FR	гом	19. SLANT			
(if box 12 = 'INDIAN')			mmingling Applicat	ion) N	10 📵	VERTICAL D	IRECTIONAL 📄 H	ORIZONTAL 🗍	
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SE	CTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	539 FS	L 1933 FEL	SWSE		19	9.0 S	19.0 E	S	
Top of Uppermost Producing Zone	539 FS	L 1933 FEL	SWSE		19	9.0 S	19.0 E	S	
At Total Depth	539 FS	L 1933 FEL	SWSE		19	9.0 S	19.0 E	S	
21. COUNTY UINTAH		22. DISTANCE TO NE	AREST LEASE LIN 622	E (Feet	t)	23. NUMBER OF A	CRES IN DRILLING 600	UNIT	
		25. DISTANCE TO NE (Applied For Drilling		AME PO	OOL	26. PROPOSED DEPTH MD: 5574 TVD: 5574			
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICA			
4782			UT-1233				41-3530		
		AT	TACHMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	ED IN ACCORDANC	CE WITH THE U	ГАН О	IL AND (GAS CONSERVAT	ION GENERAL R	ULES	
WELL PLAT OR MAP PREPARED BY	LICENSED SUR	VEYOR OR ENGINEER	. СОМ	PLETE	DRILLING	G PLAN			
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURFA	ACE) FOR	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				TOPOGRAPHICAL MAP					
NAME Roger Knight TITLE EHS Supervisor					PHONE 303 996-1803				
SIGNATURE DATE 08/24/2010 EM				EMAIL r	knight@gascoenergy	.com			
API NUMBER ASSIGNED 43047512810000		APPROVAL			B	acylll			
					Pε	ermit Manager			

API Well No: 43047512810000 Received: 8/24/2010

Proposed Hole, Casing, and Cement							
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Cond	17.5	13.375	0	60			
Pipe	Grade	Length	Weight				
	Grade H-40 ST&C	40	48.0				

CONFIDENTIAL

API Well No: 43047512810000 Received: 8/24/2010

Proposed Hole, Casing, and Cement							
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Surf	12.25	8.625	0	560			
Pipe	Grade	Length	Weight				
	Grade H-40 ST&C	40	32.0		П		

CONFIDENTIAL

API Well No: 43047512810000 Received: 8/24/2010

Proposed Hole, Casing, and Cement							
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Prod	7.875	5.5	0	5574			
Pipe	Grade	Length	Weight				
	Grade K-55 LT&C	40	15.5				

CONFIDENTIAL

Gasco Production Company
Federal 34-19G-9-19
539' FSL & 1933' FEL
SW SE of Section 19-T9S-R19E
Uintah County, UT

CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the well site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. The required \$6,500 processing fee is being included with this APD package and can be found attached. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 9th day of August, 2010.

E-mail

Signature

Vice President of Operations
Title

8 Inverness Drive East, Suite 100 Englewood, CO 80112
Address

303-483-0044
Phone

cwilson@gascoenergy.com

Gasco Production Company

Federal 34-19G-9-19 SW/SE, Section #19, Township9S, Range19E Uintah, Utah Lease No. UTU- #76033

ONSHORE OIL & GAS ORDER NO. 1

Drilling Program

1. Estimated Tops of Important Geological Markers

Formation	Depth	Subsea
Uinta Formation	Surface	7
X-Marker	3,894	903,
Y-Marker	3,930°	867
Douglas Creek Marker	4,056°	741'
BiCarbonate Marker	4,294	503
B Limestone Marker	4,400'	397
A-1 Sand	4,510	287
Lower Douglas Creek Sand	4,614'	-183`
Castle Peak	4,808	-11;
Basal Carbonate	5,200	-403
A-Sand	5,275°	-478
C-Shoal	5,366	-569
Wasatch	5,374	-577`
TD	5,574	

2. Estimated Depth of Anticipated Water, Oil, Gas or Mineral Formations

Substance	Formation	Depth	
Oil	B-2 Sand	4.209	654
Oil	A-1 Sand	4.392	471
Oil	A-3 Sand	4,500	363
Oil	C-Shoal	5 273	-401,

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment

All well control equipment will be in accordance to Onshore Order No. 2 for 5M Systems and are as follows:

5.000# BOP with 4 1/2" Pipe Rams

5.000# BOP with Blind Rams

5.000# Annular

Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline on pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Pressure Control Equipment Continued

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more that once a day.

A BPOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP 53 Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling cement plugs.

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location during testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not yet been chosen to drill this well, most of the equipment for this depth will utilize 5M working BOP.
- b. A choke line and kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. Proposed Casing and Cementing Program

a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones abnormally pressured zones and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics. All indications of usable water shall be reported.

b. Casing Program

	<u>Depth</u>	Hole Size	<u>O.D.</u>	Grade	&Weight	Type
Conductor	60	17.5	13.375	H-40	48#	ST&C
Surface	560	12.25	8.625	H-40	32#	ST&C
Production	5,574	7.875	5.5	K-55	15.5#	LT&C

c. Casing design subject to revision based on geologic conditions encountered.

d. Cement Program

	Est. Top of Cement	Cement Type	Quantity	Yield	Supply Wt.
Conductor	Surface	Type V	467	1.18	15.6
Surface	Surface	SX 10-2RFC	274	1.63	14.2
Production	2500	50-50 POZ	988	1.28	14.1

- e. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- f. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

- g. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 - 1. Progress reports, form 3160-5 "Sundry Notices and Reports on Wells", must Include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond log must be submitted for each well where the casing cement was not circulated to the surface.
- h. Auxiliary equipment to be used is as follows:
 - 1. Kelly cock
 - 2. A bit float
 - 3. A sub with full opening valve.

5. Drilling Fluids Program:

Interval 0-60'	Type Fresh Water		Viscosity 1	<u>рН</u> 7	Water Loss NA	Remarks
60°-560°	Fresh Water	8.33	1	7	NA	
550'- 5,574'	Fresh Water	8.33 -8.6	30-40	8	12-20	

- a. Sufficient quantities of mud material will be maintained on site or be readily available for the purpose of assuring well control. SPR will be recorded on a daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.
- b. No chromate additives will be used in the mud system on Federal lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- c. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well.
- d. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

6. Evaluation Program

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stern tests are anticipated, if DST's are run, the following requirements will be adhered to:

Initial opening of the drill stern test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer (AO). However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that ate required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of Schlumberger Platform Express (or equivalent) to be run from base of surface casing to TD.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted no latter than 30 days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well tested data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cutting, fluids, and/or gases will be submitted when requested by the AO.
- e. The anticipated completion program is as follows: Perform multistage fracs and complete all productive zones present in the wellbore. Produce all zones commingled.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures and Pressures

- a. The expected bottom hole pressure is 3121 psi. The maximum bottom hole temperature anticipated is 95 degrees Fahrenheit.
- b. No hydrogen sulfide gas is anticipated. Abnormal pressures will be controlled with mud weight and 5.000# BOP and rotating head.

8. Anticipated Starting Dates and Notifications of Operations

- a. Drilling is anticipated to commence immediately upon approval
- b. It is anticipated that the drilling of this well will take approximately 4 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction and anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior to approval from the AO will be obtained and notification given before resuming operations.
- e. The spud date will be reported orally to the AO within 48 hours of spudding. If the spudding occurs on a weekend or holiday, the report will be submitted via voice mail and/or e-mail to the AO.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with Vernal BLM Office, 170 South 500 East, Vernal, Utah, 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual or undesirable events shall be reported promptly to the AO in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, or prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed on producing status. Written notification, e-mail or otherwise, will be sent no latter than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A lessees or operators are authorized to vent/flare gas during initial well evaluation test, not exceeding a period of 30 days or the production of 50 MMCF of gas,

whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the BLM, Vernal Field Office within 60 days of installation or first production whichever occurs first. All site security regulations as specified in Onshore Order No.3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will commence without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5 will be filed within 30 days following the completion of the well for abandonment. The report will indicate where plugs were placed and the current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work has been completed to the satisfaction of the AO.
- o. Pursuant to Onshore Oil and Gas Order No.1, lessees and operators have the responsibility of operating in a manner which conforms with the applicable Federal laws and regulations and with the State and local laws and regulations to the extent that such laws are applicable to operations on Federal lands.

Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Phone: (435)781-4400 Fax: (435)781-4410

After Hours:

Michael Lee Petroleum Engineer (435)828-4470 Matt Baker Petroleum Engineer (435)828-7875

Gasco Production Company

Federal 34-19G-9-19 SW/SE, Section #19, Township9S, Range19E Uintah, Utah Lease No. UTU- #76033

ONSHORE OIL & GAS ORDER NO. 1

Notification Requirements

Location Construction-

48 hours prior to construction of location and access roads

Location completion-

prior to moving on with drilling rig.

Spud Notice-

at least 24 hours prior to spudding the well.

Casing String and

Cementing-

24 hours notice prior to running casing and cementing.

BOP and Related

Equipment-

24 hours prior to initiating pressure tests.

First Production

Notice-

Within 5 business days after new well begins or production resumes after well has been off production for more than 90 days.

The onsite inspection for the subject well site will be conducted. Weather conditions, open ground and COA's will be noted and implemented prior to any site disturbance. Attendance at the onsite will be the following individuals:

James HerefordBureau of Land ManagementScott DuncanGasco Production CompanyRoger KnightGasco Production CompanyJesse DuncanGasco Production Company

1. Existing Roads

See Attached Topographic Map "A".

Description of travel from Topos.

2. Planned Access Road

See Attached Topographic Map "B" for location of the proposed access road.

3. Location of Existing Wells

See Attached Topographic Map "C"

- a. Producing Wells -
- b. Abandoned Wells -

4. Location of Tank Batteries and Production Facilities

- a. All permanent surface equipment will be painted to BLM and UDOGM specifications.
- b. Storage tanks batteries will be surrounded by containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank with in the contained area, unless more stringent requirements are necessary as notified by the AO.
- c. A production layout will be submitted via sundry upon proven productivity of the well.
- d. All loading lines will be placed inside the berm/dike surrounding the tank battery.
- e. A Gas Meter Run will be placed within 500 ft. of the wellhead. Meter runs will be housed. The oil and gas measurement equipment will be installed on the well location. Measurement equipment will be calibrated in place prior to any deliveries. Tests for accuracy will be conducted monthly for the first three months on new installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the calibration reports will be submitted to the Vernal Field Office.
- f. Any necessary pits will be properly fenced to prevent any wildlife entry.
- g. The access road will be maintained in a safe, usable condition conducive to the climate and seasonal conditions in order to accommodate daily operation of the well and prevent erosion.
- h. Pipelines, up to 6" steel or poly, will follow the proposed access as detailed in attached Topo Map "D". The pipeline will be laid on the surface except road crossings where they will be buried to a depth of 3'-5'. The method of coupling will be welded. Associated pipeline components, such as risers, pig launchers/catchers, meters, valves, etc. will be contained within the 30' needed for construction of the pipeline.

5. Location and Type of Water

- a. Water will come from: Water Right No. 41-3530.
- b. Water will be hauled by commercial transport over the access roads shown on Attached Maps "A" and "B".
- c. No water well will be drilled on this lease.

6. Source of Construction Material

- a. Any gravel used will be obtained from a commercial source.
- b. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2.3.
- c. No construction materials will be used from Federal lands.

7. Methods of Handling Waste Disposal

- a. There will be no reserve pit. A closed loop system will be lined utilized. A small cuttings pit will be located onsite. Unless otherwise specified by BLM or UDOGM
- b. All trash will be contained in an enclosed trash container through the drilling, completion, and facility construction phases and its contents removed and hauled to an approved disposal sight as needed.
- c. A chemical porta-toilet will be furnished through the drilling, and completion phases.
- d. After first production, produced waste water will be confined to an unlined pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.

8. Ancillary Facilities

There are no airstrips, camps or other facilities planned during the drilling of this well except for those facilities needed for drilling rig personal, service providers and company representatives.

9. Well Site Layout

See attached Location Layout Diagram

10. Plans for Restoration of Surface

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Upon completion, any hydrocarbon within the reserve pit will be removed in accordance with 43 CFR 3162.7-1.

- c. The reserve pit will be backfilled and reclaimed within 120 days from the well completion. The reserve pit liner will be perforated and excess liner removed before backfilling. Alternatively, the pit will be pumped dry, the liner folded into the pit and buried to a minimum of 4' deep.
- d. That portion of the location not needed for production facilities or operations, or any disturbed areas upon final plug and abandonment, will be re-contoured to approximate natural contours and seeded with a seed mixture and procedure specified by the AO. Additionally, the topsoil pile will be seeded with the same mixture and procedure as specified.

11. Surface Ownership

The proposed access road and well pad is on lands managed by the Bureau of Land Management.

12. Other Information

- a. An archeological survey will be conducted by an authorized Archeological Consultant prior to any disturbance based on BLM and UDOGM guidance.
- b. If historic or archeological materials are uncovered during construction, the operator will immediately stop work and contact the AO.
- c. The operator will control noxious weeds along associated well pad, roads, pipelines, and surface equipment. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted and approved prior to the application of pesticides or herbicides.
- d. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal lands after the conclusion of drilling operations or at any other time without BLM authorization.
- e. All lease and unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notices to Lessees. The operator is fully responsible for the actions of his subcontractors.
- f. A complete copy of the APD shall be on location during construction and drilling of this site.

Water Disposal

Immediately upon first production all produced water will be confined to a steel storage tank. Water will be disposed of via truck transport to a State of Utah approved disposal site, such as Brennan Bottom.

Wildlife Timing Stipulations Any required actions or planning based on state or federal agencies will be implemented.

13. Lessee's or Operators Representative

Gasco Production Company

Roger Knight EHS Supervisor 8 Inverness Drive East, Suite 100

Englewood, CO 80112

(303)996-1803

Scott Duncan
Production Foreman

PO Box 189

Myton, Utah 84052

(435)823-4800

Certification

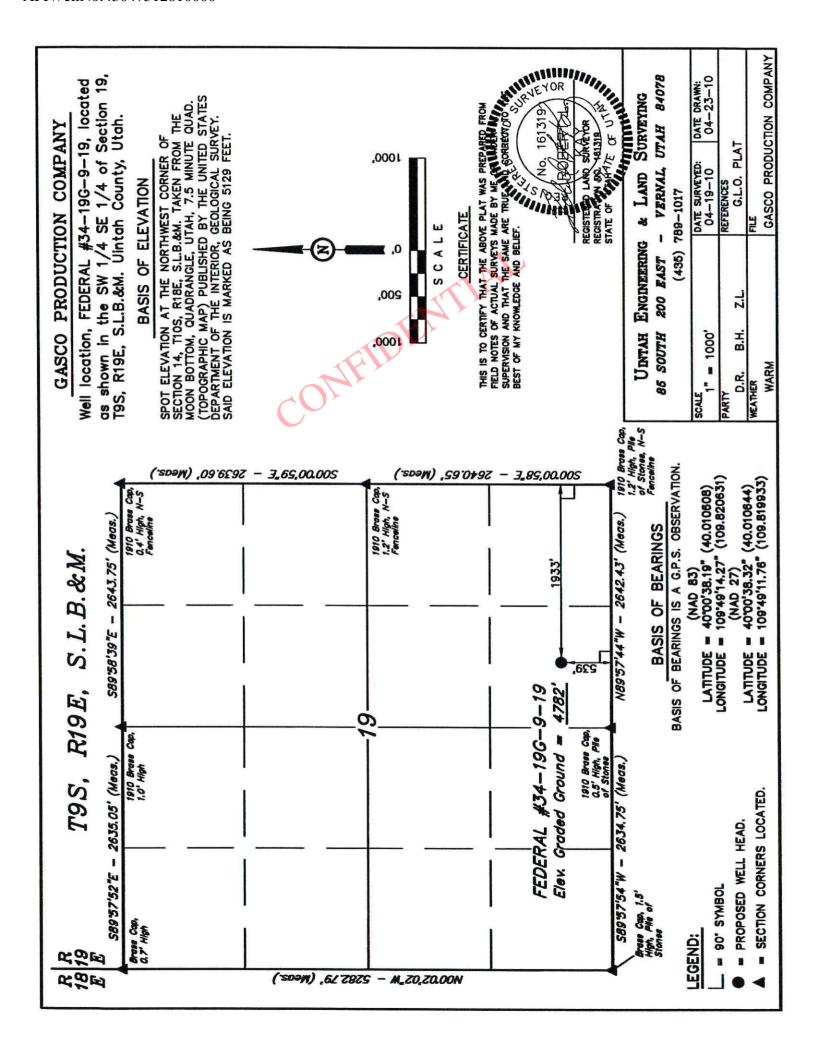
Please be advised that *Gasco Production Company*. is considered to be the operator of the *Well Federal 34-19G-9-19*, *SW/SE Section 19*, *T9S*, *R19E*, *Lease No. UTU-76033*, *Uintah County*, *Utah*: and is responsible under the term and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #. UT-1233

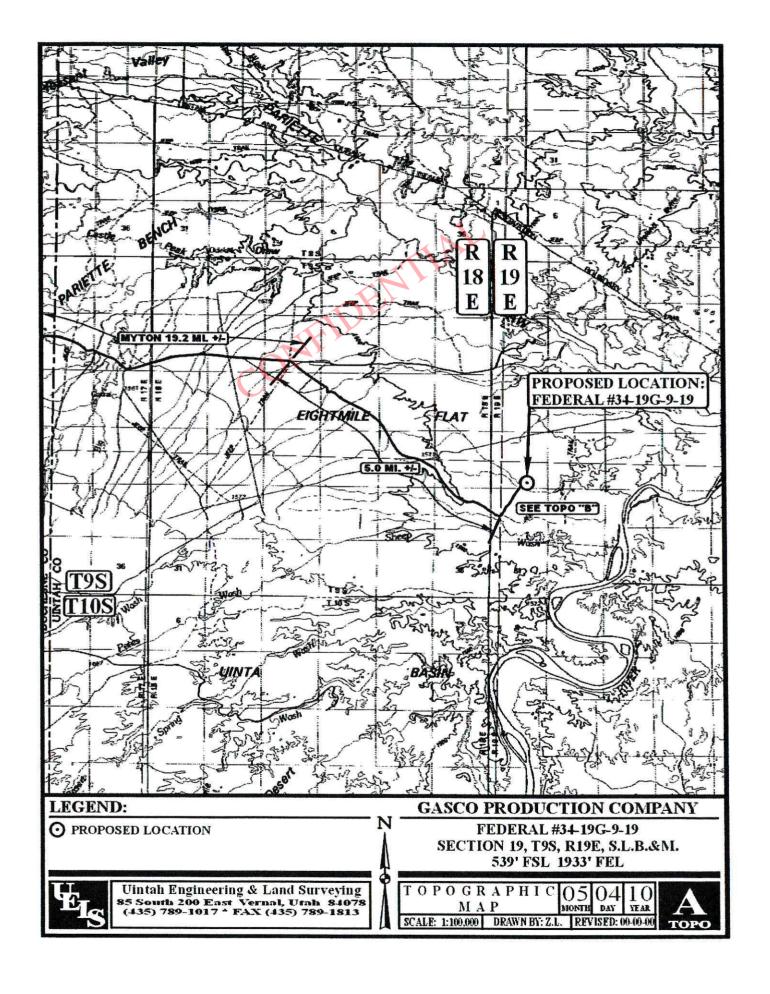
I herby certify that the proposed drill site and access road have been inspected and I am familiar with the conditions that currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Gasco Production Company its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. The statement is subject to the provisions of 18 U.S.C. 1000 for the filing of a false statement.

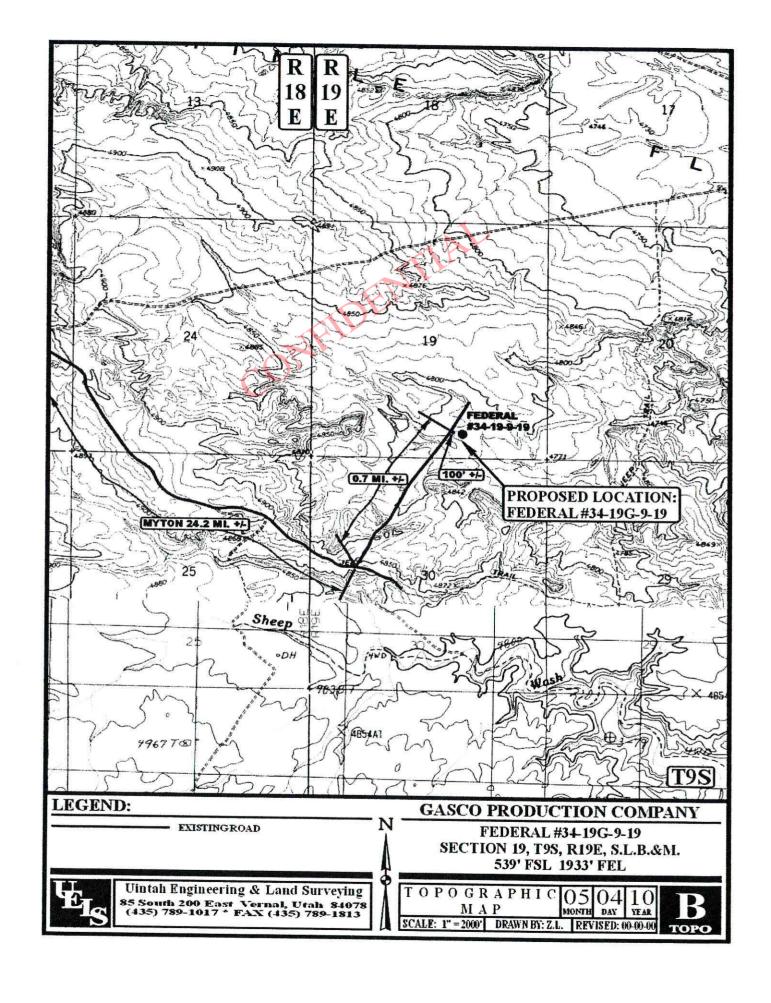
Date

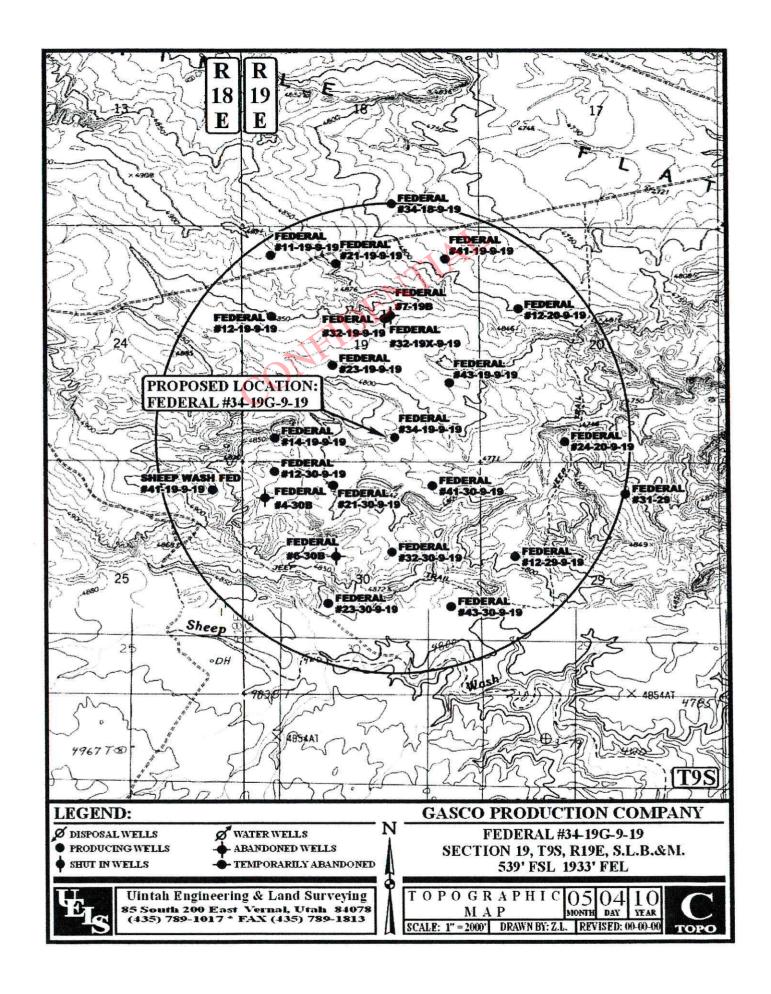
Roger Knight

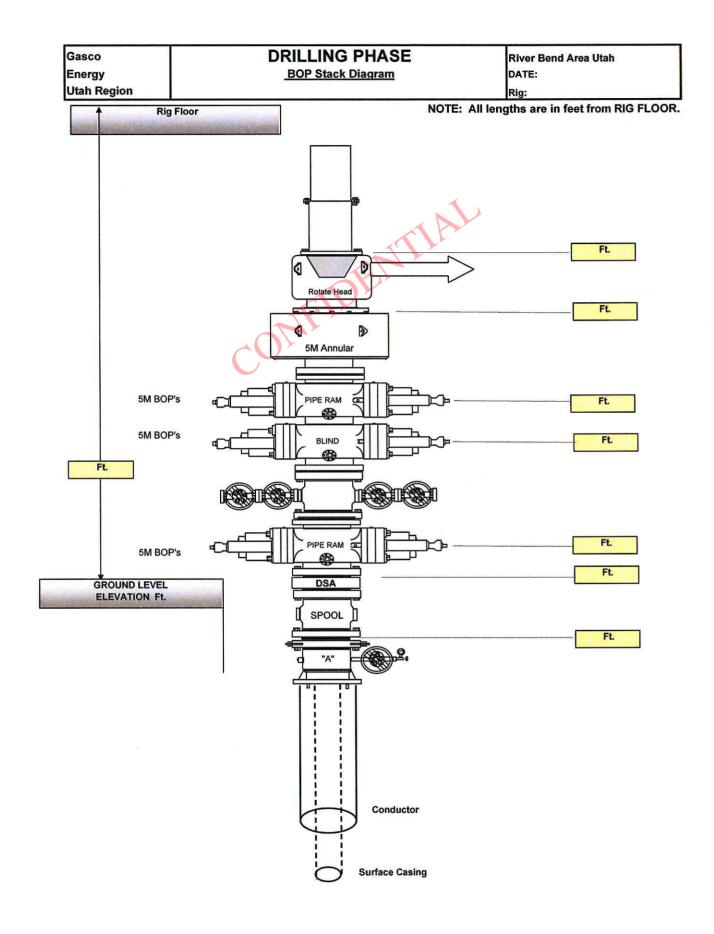
Gasco Production Company

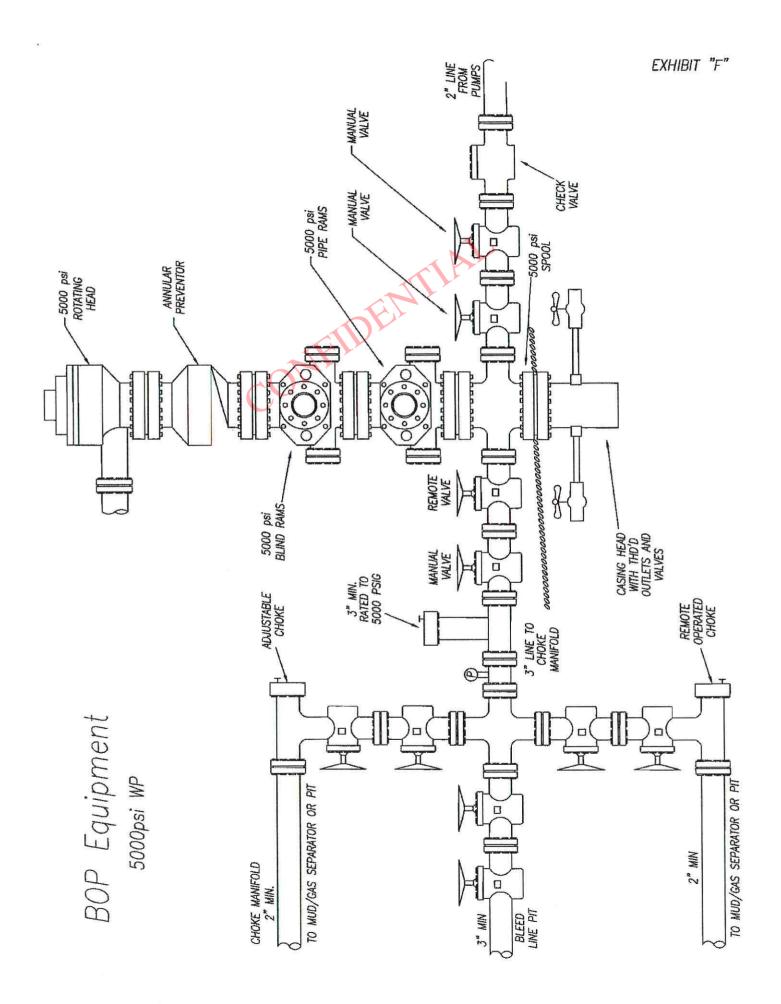


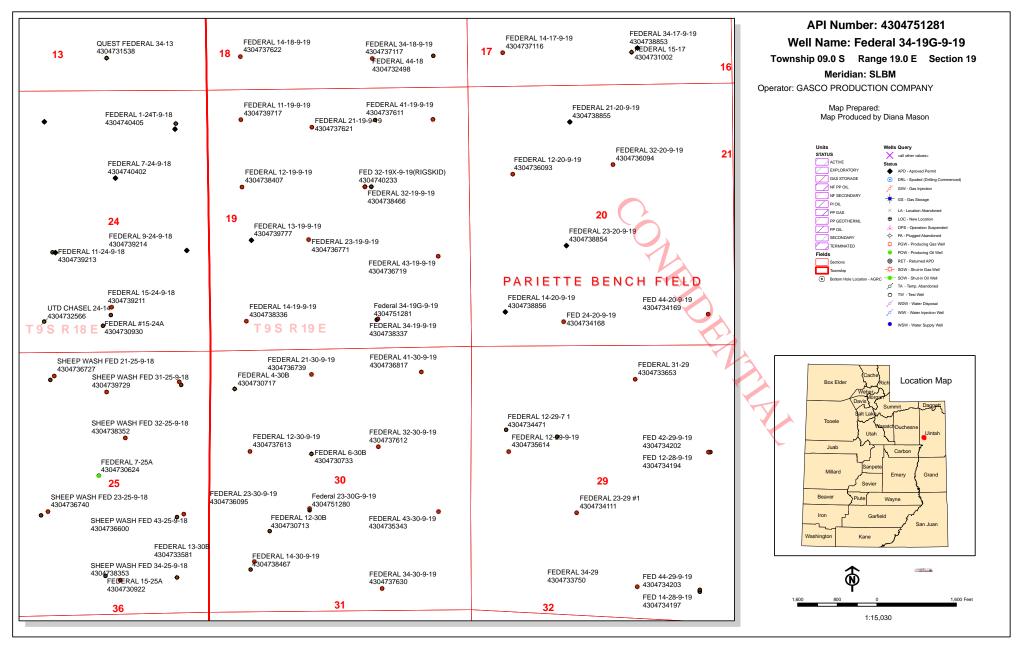










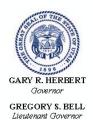


WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/24/2010 **API NO. ASSIGNED:** 43047512810000 WELL NAME: Federal 34-19G-9-19 **OPERATOR:** GASCO PRODUCTION COMPANY (N2575) **PHONE NUMBER:** 303 996-1803 **CONTACT:** Roger Knight PROPOSED LOCATION: SWSE 19 090S 190E **Permit Tech Review: SURFACE:** 0539 FSL 1933 FEL **Engineering Review: BOTTOM:** 0539 FSL 1933 FEL Geology Review: **COUNTY: UINTAH LATITUDE:** 40.01068 **LONGITUDE:** -109.81995 **UTM SURF EASTINGS: 600717.00** NORTHINGS: 4429400.00 FIELD NAME: PARIETTE BENCH LEASE TYPE: 1 - Federal **LEASE NUMBER:** UTU-76033 PROPOSED PRODUCING FORMATION(S): WASATCH SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** ✓ PLAT R649-2-3. Bond: FEDERAL - UT-1233 Unit: R649-3-2. General **Potash** Oil Shale 190-5 **Oil Shale 190-3** R649-3-3. Exception Oil Shale 190-13 **Drilling Unit Board Cause No:** R649-3-2 Water Permit: 41-3530 **Effective Date: RDCC Review: Fee Surface Agreement** Siting: **Intent to Commingle** R649-3-11. Directional Drill **Commingling Approved Comments:** Presite Completed

4 - Federal Approval - dmason 23 - Spacing - dmason Stipulations:

API Well No: 43047512810000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Federal 34-19G-9-19

API Well Number: 43047512810000 Lease Number: UTU-76033 Surface Owner: FEDERAL

Approval Date: 9/9/2010

Issued to:

GASCO PRODUCTION COMPANY, 8 Inverness Dr. East, Suite 100, Englewood, CO 80112

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047512810000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	CEC			FORM 9
DIVISION OF OIL, GAS, AND MINING				5.LEAS UTU-7	E DESIGNATION AND SERIAL NUMBER: 6033
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepe ıgged wells, or to drill horizontal laterals.			7.UNIT	or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well					L NAME and NUMBER: AL 34-19G-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY				NUMBER: 512810000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10			UMBER: 3 483-0044 Ext		D and POOL or WILDCAT: TTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL				COUNT	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 19	rp, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian	: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT,	OR OTI	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
_	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
9/30/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	□ :	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	□ :	SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	□ WILDCAT WELL DETERMINATION	\Box	OTHER	отн	ED.
					<u> </u>
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all po	ertinen	t details including dates, depths,		
					pproved by the
				_	Jtah Division of , Gas and Mining
			D	ate:	09/14/2011
			_	D	00 cal 110
			В	λ: <u>π</u>	
NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	R	TITLE EHS Supervisor		
SIGNATURE			DATE		
N/A			9/12/2011		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047512810000

API: 43047512810000 **Well Name:** FEDERAL 34-19G-9-19

Location: 0539 FSL 1933 FEL QTR SWSE SEC 19 TWNP 090S RNG 190E MER S

Company Permit Issued to: GASCO PRODUCTION COMPANY

Date Original Permit Issued: 9/9/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Roger Knight **Date:** 9/12/2011

Title: EHS Supervisor Representing: GASCO PRODUCTION COMPANY

			FORM			
	STATE OF UTAH		FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033					
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deepe ıgged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19			
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAN	NY		9. API NUMBER: 43047512810000			
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		ONE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian	: S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR			
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
✓ SPUD REPORT Date of Spud:						
9/12/2011	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Spud and set conductor 9/12/2011. Operations were completed as follows: Drilled 17.5" hole 60'. MIRU Propetro pumping services. Set 60' 48# conductor pipe and pumped cement around. Dug and installed cellar ring, drilled and secepted by the rat and mouse hole. Utah Division of Oil, Gas and Mining FOR RECORD ONLY						
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	R TITLE Production Clerk				
SIGNATURE N/A		DATE 9/14/2011				

Sundry Number: 18393 Approval of this: 43047512810000

Action is Necessary

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
SUND	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exist ugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43047512810000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10	PHONE N 00 , Englewood, CO, 80112 303	UMBER: 3 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
9/26/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
		FRACTURE TREAT	□ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:			
		PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT		RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:		SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐ :	SI TA STATUS EXTENSION	APD EXTENSION
керот расе:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all pertinen	nt details including dates, depths, v	olumes, etc.
	make the following changes in the		
procedure: Change	from 32# surface csg to 8 5/8" 2	4# J-55 surface casing	A considerable at the
Change from 4 1/2" of	drill pipe and pipe rams to 3 1/2"	drill pipe and pipe rams	S Accepted by the
			Utah Division of Oil, Gas and Mining
		Da	ate: $09/26/2911$
			1)4/11/14
		Ву	y:
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	TITLE Production Clerk	
SIGNATURE N/A		DATE 9/9/2011	
L 17/7		3/3/2011	

Sundry Number: 1-8766 Approval of this: 43047512810000

Action is Necessary

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
SUNDF	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exis igged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	VY		9. API NUMBER: 43047512810000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10	PHONE N 00 , Englewood, CO, 80112 30:	UMBER: 3 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
11/1/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of tronk completions	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	U TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: Install gas lift
Gasco intends to ins	MPLETED OPERATIONS. Clearly show all pertinents tall gas lift compression as a replain the APD. Attached is the enging the engine and the engine and the engine are the engine are the engine e	lacement for the pump ne technical data.	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Roger Knight SIGNATURE	303 996-1803	EHS Supervisor DATE	
N/A		9/23/2011	

G3306 NA

GAS ENGINE TECHNICAL DATA



ENGINE SPEED (rpm): 1800 FUEL: Nat Gas COMPRESSION RATIO: 10.5:1 FUEL SYSTEM: LPG IMPCO JACKET WATER OUTLET (°F): 210 WITH CUSTOMER SUPPLIED AIR FUEL RATIO CONTROL COOLING SYSTEM: JW+OC FUEL PRESSURE RANGE(psig): 1.5-10.0 **IGNITION SYSTEM:** MAG FUEL METHANE NUMBER: 80 EXHAUST MANIFOLD: WC FUEL LHV (Btu/scf): 905 COMBUSTION: ALTITUDE CAPABILITY (ft): Catalyst 500 **EXHAUST O2 EMISSION LEVEL %:** 0.5 INLET AIR TEMP. (°F): 77 APPLICATION: Gas Compression

RATING		NOTES	LOAD	100%	75%	50%
ENGINE POWER	(WITHOUT FAN)	(1)	bhp	145	109	72
ENGINE EFFICIENCY	(ISO 3046/1)	(2)	%	32.7	30.6	26.8
ENGINE EFFICIENCY	(NOMINAL)	(2)	%	32.7	30.6	26.8
ENGINE DATA						
FUEL CONSUMPTION	(ISO 3046/1)	(3)	Btu/bhp-hr	7775	8318	9509
FUEL CONCUMETION	MOMENTAL					

ENGINE DATA						
FUEL CONSUMPTION	(ISO 3046/1)	(3)	Btu/bhp-hr	7775	8318	9509
FUEL CONSUMPTION	(NOMINAL)	(3)	Btu/bhp-hr	7775	8318	9509
AIR FLOW (77°F, 14.7 psia)	(WET)	(4) (5)	scfm	208	167	125
AIR FLOW	(WET)	(4) (5)	lb/hr	922	739	556
INLET MAN. PRESSURE		(6)	in Hg(abs)	26.2	21.8	17.6
INLET MAN. TEMPERATURE	(MEASURED IN PLENUM)	(7)	°F	88	89	93
TIMING		(8)	°BTDC	30.0	30.0	30.0
EXHAUST STACK TEMPERATURE	100	(9)	°F	1101	1067	1037
EXHAUST GAS FLOW (@stack temp, 14.5 psia)	(WET)	(10) (5)	ft3/min	678	532	393
EXHAUST GAS MASS FLOW	(WET)	(10) (5)	lb/hr	978	784	590

EMISSIONS DATA					
NOx (as NO2)	(11)	g/bhp-hr	13.48	12.16	9.76
CO	(12)	g/bhp-hr	13.46	11.42	9.55
THC (mol. wt. of 15.84)	(12)	g/bhp-hr	2.20	2.49	3.22
NMHC (mol. wt. of 15.84)	(12)	g/bhp-hr	0.33	0.37	0.48
NMNEHC (VOCs) (mol. wt. of 15.84)	(12)(13)	g/bhp-hr	0.22	0.25	0.32
HCHO (Formaldehyde)	(12)	g/bhp-hr	0.27	0.31	0.33
CO2	(12)	g/bhp-hr	485	525	601
EXHAUST OXYGEN	(14)	% DRY	0.5	0.5	0.5
LAMBDA	(14)		1.01	1.01	1.00

ENERGY BALANCE DATA					
LHV INPUT	(15)	Btu/min	18768	15059	11477
HEAT REJECTION TO JACKET WATER (JW)	(16)	Btu/min	6049	5236	4455
HEAT REJECTION TO ATMOSPHERE	(17)	Btu/min	751	602	459
HEAT REJECTION TO LUBE OIL (OC)	(18)	Btu/min	989	857	729
HEAT REJECTION TO EXHAUST (LHV TO 77°F)	(19)	Btu/min	4837	3757	2763
HEAT REJECTION TO EXHAUST (LHV TO 350°F)	(19)	Btu/min	3451	2639	1903

CONDITIONS AND DEFINITIONS

Engine rating obtained and presented in accordance with ISO 3046/1. (Standard reference conditions of 77°F, 29.60 in Hg barometric pressure, 500 ft. altitude.) No overload permitted at rating shown. Consult altitude curves for applications above maximum rated altitude and/or temperature.

Emission levels are at engine exhaust flange prior to any after treatment. Values are based on engine operating at steady state conditions. Tolerances specified are dependent upon fuel quality. Fuel methane number cannot vary more than ± 3. Part Load data requires customer supplied air fuel ratio control.

For notes information consult page three.

Data generated by Gas Engine Rating Pro Version 3.02.00 Ref. Data Set DM5053-06-001, Printed 30Jan2009

Page 1 of 3

G3306 NA

GAS ENGINE TECHNICAL DATA



FUEL USAG	E GUIDI											
CAT METHANE NUMBER	30	35	40	45	50	55	60	65	70	75	80	100
IGNITION TIMING	21	22	23	24	25	26	27	28	29	30	30	30
DERATION FACTOR	1	1	1	1	1	1	1	1	1	1	1	1

		0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
	50	1	1	0.99	0.96	0.92	0.89	0.85	0.82	0.79	0.76	0.73	0.70	0.67
	60	1	1	0.98	0.94	0.90	0.87	0.84	0.80	0.77	0.74	0.71	0.68	0.66
	70	1	0.99	0.96	0.92	0.89	0.85	0.82	0.79	0.76	0.73	0.70	0.67	0.64
125	80	1	0.98	0.94	0.90	0.87	0.84	0.80	0.77	0.74	0.71	0.69	0.66	0.63
°F	90	0.99	0.96	0.92	0.89	0.85	0.82	0.79	0.76	0.73	0.70	0.67	0.65	0.62
AIR TEMP	100 [0.98	0.94	0.91	0.87	0.84	0.81	0.78	0.75	0.72	0.69	0.66	0.63	0.61
INLET	110	0.96	0.92	0.89	0.86	0.82	0.79	0.76	0.73	0.70	0.68	0.65	0.62	0.60
	120	0.94	0.91	0.87	0.84	0.81	0.78	0.75	0.72	0.69	0.66	0.64	0.61	0.59
	130	0.93	0.89	0.86	0.83	0.80	0.77	0.74	0.71	0.68	0.65	0.63	0.60	0.58

		0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
	50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	60	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	70	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
8.0	80	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TEMP °F	90	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
AIR	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
INLET	110	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	120	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	130	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

G3306 NA

GAS ENGINE TECHNICAL DATA



FUEL USAGE GUIDE:

This table shows the derate factor required for a given fuel. Note that deration occurs as the methane number decreases. Methane number is a scale to measure detonation characteristics of various fuels. The methane number of a fuel is determined by using the Caterpillar Methane Number Calculation program.

ALTITUDE DERATION FACTORS:

This table shows the deration required for various air inlet temperatures and altitudes. Use this information along with the fuel usage guide chart to help determine actual engine power for your site.

ACTUAL ENGINE RATING:

To determine the actual rating of the engine at site conditions, one must consider separately, limitations due to fuel characteristics and air system limitations. The Fuel Usage Guide deration establishes fuel limitations. The Altitude/Temperature deration factor and RPC (reference the Caterpillar Methane Program) are added together to establish air system limitations. To determine the actual power available, take the lowest rating between 1) and 2).

- 1) Fuel Usage Guide Deration
- 2) 1-((1-Altitude/Temperature Deration) + (1-RPC))

MINIMUM SPEED CAPABILITY AT MAX SITE TORQUE:

This table shows the minimum allowable engine turndown speed where the engine will maintain the Rated Speed's Torque for the given ambient conditions.

NOTES:

- 1. Engine rating is with one engine driven jacket water pump. Tolerance is ± 3% of full load.
- 2. ISO 3046/1 engine efficiency tolerance is (+)0, (-)5% of full load % efficiency value. Nominal engine efficiency tolerance is ± 5.0% of full load % efficiency value.
- 3. ISO 3046/1 fuel consumption tolerance is (+)5, (-)0% of full load data. Nominal fuel consumption tolerance is ± 5.0% of full load data.
- 4. Undried air. Flow is a nominal value with a tolerance of ± 5 %.
- 5. Inlet and Exhaust Restrictions must not exceed A&I limits based on full load flow rates from the standard technical data sheet.
- 6. Inlet manifold pressure is a nominal value with a tolerance of ± 5 %.
- 7. Inlet manifold temperature is a nominal value with a tolerance of ± 9°F.
- 8. Timing indicated is for use with the minimum fuel methane number specified. Consult the appropriate fuel usage guide for timing at other methane numbers.
- 9. Exhaust stack temperature is a nominal value with a tolerance of (+)63°F, (-)54°F.
- 10. Exhaust flow value is on a 'wet' basis. Flow is a nominal value with a tolerance of ± 6 %.
- 11. NOx values are "Not to Exceed".
- 12. CO, CO2, THC, NMHC, NMNEHC, and HCHO values are "Not to Exceed" levels.
- 13. VOCs Volatile organic compounds as defined in US EPA 40 CFR 60, subpart JJJJ
- 14. Exhaust Oxygen tolerance is ± 0.2.
- 15. LHV rate tolerance is ± 5.0%.
- 16. Heat rejection to jacket water value displayed includes heat to jacket water alone. Value is based on treated water. Tolerance is ± 10% of full load data.
- 17. Heat rejection to atmosphere based on treated water. Tolerance is ± 50% of full load data.
- 18. Lube oil heat rate based on treated water. Tolerance is ± 20% of full load data.
- 19. Exhaust heat rate based on treated water. Tolerance is ± 10% of full load data.
- 20. Total Jacket Water Circuit heat rejection is calculated as: (JW x 1.1) + (OC x 1.2). Heat exchanger sizing criterion is maximum circuit heat rejection at site conditions, with applied tolerances. A cooling system safety factor may be multiplied by the total circuit heat rejection to provide additional margin.

Data generated by Gas Engine Rating Pro Version 3.02.00 Ref. Data Set DM5053-06-001, Printed 30Jan2009

Page 3 of 3



Mailing address: P.O. Box 90, Concord, Ontario, Canada, L4K 1B2

Toll free: 1-800-872-1968 Phone: 905-660-6450 Fax: 905-660-6435 E-mail: info@dcl-inc.com

To	Mark Davis	
	J-W Operating	
Date	October 31, 2008	

Telephone	903-291-2741	
Facsimile	903-643-2701	
Email	MDavis@jwoperating.com	
No.of Pages	1	

RE: EMISSIONS GUARANTEE

Mark,

We hereby guarantee that our MINE-X® Model DC48-4 industrial grade catalytic silencer described below:

Catalyst model	DC48
Catalyst coating	NSCR
Outside Diameter of catalyst substrate	11.5"
No. of catalyst substrates	1
Cell Density	300 cpsi

and sized for the following engine:

Engine model	CAT G3306 NA	
Power	145 hp @ 1800 rpm	
Fuel	Pipeline Quality Natural Gas	

will perform as follows:

Emissions	After Catalyst 0.5 g/bhp-hr	
Nitrogen Oxides (NOx)		
Carbon Monoxide (CO)	1.0 g/bhp-hr	
Non-Methane Hydrocarbons (NMHC)	1.0 g/bhp-hr	

for a period of 1 year or 8000 hours, whichever comes first, subject to all terms and conditions contained in the attached warranty document being respected and met.

Best regards,

DCL International, Inc.

Tawnya VanGroningen

Account Manager

North American Industrial Catalyst Division

Taunya VarGroninger

Ref: Quote#6-1207-R2

335-18174-00 p01

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM						
Operator:	Gasco Production Co		Operator Account Number:	N 2575		
Address:	8 Inverness Drive East, Ste 100					
	city Englewood					
	state Co	zip 80112	Phone Number	(303) 483-0044		

Well 1

Well	Name	QQ	Sec	Twp	Rng	County
Federal 34-19G-9-19		SWSE	19	98	19E	Uintah
Current Entity Number	New Entity Number	S	pud Da	te .		ity Assignment
99999	18210	9	/12/201	1	9	120/11
_	Federal 34-19G-9-19 Current Entity Number	Number Number	Federal 34-19G-9-19 Current Entity Number New Entity Number S S S S S S S S S S S S S S S S S S	Federal 34-19G-9-19 Current Entity Number New Entity Number Spud Date	Federal 34-19G-9-19 Current Entity Number New Entity Number Swse 19 98 Spud Date	Federal 34-19G-9-19 Current Entity Number New Entity Number Spud Date Entity Number

Comments: Spud Well

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751280	Federal 23-30G-9-19		NESW	30	98	19E	Uintah
Action Code	Current Entity New Entity Number Number		Spud Date		Entity Assignment Effective Date		
Α	99999	18211		9/9/201	1		9/20/11
Comments:				· · · · · · · · · · · · · · · · · · ·	CONT	INCKI	TINI
WSTC		CONFIDENTIAL					

Well 3

Well I	QQ	Sec	Twp	Rng	County	
Current Entity New Entity Number Number		Spud Date		Entity Assignment Effective Date		
	Current Entity		Current Entity New Entity S	Current Entity New Entity Spud Date	Current Entity New Entity Spud Date	Current Entity New Entity Spud Date Enti

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED
SEP 1 4 2011

Jessica Berg

Name (Please Print)

Signature Production Tech

9/14/2011

Date

(5/2000)

Form 3160-3 (August 2007)

APD PMT RCVD

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

UNITED STATES DEPARTMENT OF THE INTERIORUS 3 1 2010 **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR REPUIT TO DOUG THE AMENTALE OF

5. Lease Serial No.

6. If Indian, Allotee or Tribe Name

UTU-76033

APPLICATION FOR PERMIT	10 DUILL	SE IALA.L	J	NA	
la. Type of work: DRILL REI	ENTER			7 If Unit or CA Agreen NA	ent, Name and No.
Ib. Type of Well: Oil Well Gas Well Other	✓	Single Zone Multi	iple Zone	8. Lease Name and We Federal 34-19G-9-19	
2 Name of Operator Gasco Production Company				9. API Well No. 43.047.5	1281
3a. Address 8 Inverness Drive East #100 Englewood Co 80112	O. 3b. Phone 303-483	No. (include area code) -0044		10. Field and Pool, or Exp Riverbend	oloratory
4. Location of Well (Report location clearly and in accordance wi	ith any State requi	rements.*)		11. Sec., T. R. M. or Blk.	and Survey or Area
At surface 539' FSL 1933" FEL				SW SE Section19 T9	S R19E
At proposed prod. zone 539' FSL 1933" FEL				·	
14. Distance in miles and direction from nearest town or post office 25 miles south east of Myton UT.	•			12. County or Parish Uintah	13. State UT
15. Distance from proposed* 622' location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. o 600	f acres in lease	17. Spacin 40 acres	g Unit dedicated to this wel	l
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Propo 5574'	osed Depth 20. BLM/BIA Bond No. on file UT-1233			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	1	oximate date work will sta	ut*	23. Estimated duration	
4782'	10/01/2	010		4 days	******
		tachments			
The following, completed in accordance with the requirements of Or	nshore Oil and G	as Order No.1, must be a	ttached to th	is form:	
Well plat certified by a registered surveyor. A Drilling Plan. A Section No. (16th a least in No. 18th and		Item 20 above).	•	ns unless covered by an exi	sting bond on file (see
3. A Surface Use Plan (if the location is on National Forest Sys SUPO must be filed with the appropriate Forest Service Office)		Operator certific Such other site BLM.		ormation and/or plans as ma	y be required by the
25. Signature Mc GA		ne <i>(Printed/Typed)</i> ger Knight		Da	te 2-17-10
Title EHS Supervisor				1	
Approved by (Signature)	Nan	ne (Printed Jerty	Kencz	ka Da	ate AUG 3 0 201
Assistant Field Manager Lands & Mineral Resources	Offi	[®] VERN	AL FIEL	D OFFICE	***************************************
Application approval does not warrant or certify that the applicant conduct operations thereon. Conditions of approval, if any, are attached.	holds legal or eq	uitable title to those righ	ts in the sub	ject lease which would entit	le the applicant to
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations	a crime for any s as to any matter	person knowingly and v within its jurisdiction.	villfully to m	ake to any department or a	gency of the United

(Continued on page 2)

*(Instructions on page 2)

NOS 6/10/2010 AFMSS#105X50289A



DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

Gasco Production Company

Federal 34-19G-9-19

API No: 43-047-51281

Location:

SWSE, Sec. 19, T9S, R19E

Lease No: UTU-76033

Agreement: N

N/A

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Site Specific COA's

Wildlife

• Screening will be placed on stacks and on other openings of heater-treaters or fired vessels to prevent entry by migratory birds.

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Well site telemetry will be utilized as feasible for production operations.

Reclamation

- Reclamation will be completed in accordance with the BLM's Green River District Reclamation Guidlines 2011 plan.
- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize slopes and water bars will be installed on disturbed slopes. Erosion control efforts will be monitored by Gasco and, if necessary, modifications will be made to control erosion.

Interim and Final Reclamation Seed Mixture for locations outside core mountain ployer habitat

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	Elymus elymoides	3.0	1/4 - 1/2"
Bluebunch wheatgrass	Pseudoroegneria spicata	3.0	1/2"

Shadscale saltbush	Atriplex confertifolia	3.0	1/2"
Four-wing saltbush	Atriplex canescens	3.0	1/2"
Gardner's saltbush	Atriplex gardneri	2.0	1/2"
Scarlet globemallow	Sphaeralcea coccinea	1.0	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch would be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- No variances requested. The operator shall comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.
- The production casing should be cemented to 200' above the surface shoe or brought to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.

Page 5 of 8 Well: Federal 34-19G-9-19 8/24/2011

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 8 Well: Federal 34-19G-9-19 8/24/2011

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and

Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

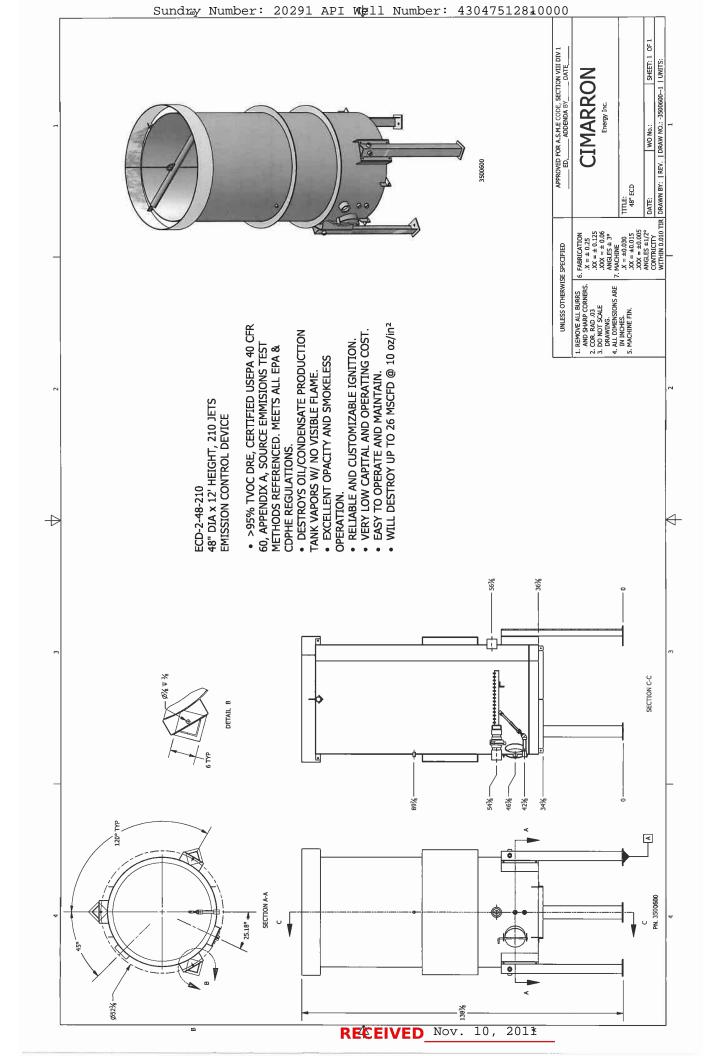
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent

Page 8 of 8 Well: Federal 34-19G-9-19 8/24/2011

Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals. I		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43047512810000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		ONE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 19	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
✓ SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
11/21/2011	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	□ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: status update
12 DESCRIPE PROPOSED OR CO			'
l .	MPLETED OPERATIONS. Clearly show all pe was spud on 9/12/2011. A dr		·
	rigging up for drilling opera		
	33 3 1 3 1		Accepted by the
			Utah Division of
			il, Gas and Mining
		FOI	R RECORD ONLY
NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	TITLE EHS Supervisor	
SIGNATURE N/A		DATE 11/22/2011	

	STATE OF UTAH	CEC			FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND ME		i	5.LEASI UTU-7	DESIGNATION AND SERIAL NUMBER: 6033
SUNDF	RY NOTICES AND REPORTS	S ON	WELLS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals.		7.UNIT	or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well					NAME and NUMBER: AL 34-19G-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAN	VY			1 -	NUMBER: 512810000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		IONE NU 303	JMBER: 483-0044 Ext		D and POOL or WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL				COUNTY	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 19	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian	n: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPORT,	OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE	A	LTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING		CHANGE WELL NAME
12/15/2011	☐ CHANGE WELL STATUS		OMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	□ ₽	RACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	□ р	LUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
· I	☐ TUBING REPAIR	✓ v	ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF	□s	I TA STATUS EXTENSION		APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отні	ED.
	OMPLETED OPERATIONS. Clearly show all p				,
Gasco will insta 34-19G-9-19. It will	all emission control for the st be a Cimarron Energy, Inc. E chematic of the Cimarron ECI	orage ECD 4	e tanks at Federal 18" D X 12' L. Attached	•	
NAME (PLEASE PRINT)	PHONE NUMBER	R	TITLE		
Roger Knight	303 996-1803		EHS Supervisor		
SIGNATURE N/A			DATE 11/10/2011		



Sundry Number: 1-9815 Approval of this: 43047512810000

Action is Necessary

			FORM 9			
	STATE OF UTAH		152			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033			
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
bottom-hole depth, reenter plu	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19			
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43047512810000			
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		NE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: Township: 09.0S Range: 19.0E Meridian: 9	5	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	☐ ALTER CASING	CASING REPAIR			
✓ NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME			
11/1/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	✓ WATER DISPOSAL			
DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION			
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12 DESCRIPE PROPOSED OR CO			<u></u>			
All produced water from this well will be trucked off the location and disposed of at one of the following State approved disposal facilities: Monarch Natural Gas LLC's Evaporation Facilities, Uintah County, UT Brennan Bottom Disposal Coepted by the Roosevelt, UT Integrated Water Management, LLC, North Blue Bench, UT Iowlitah Division of Tank Lines, Pleasant Valley, UT RN Industries Inc, Bluebell, UT Oil, Gas and Mining FOR RECORD ONLY						
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	TITLE Production Clerk				
SIGNATURE N/A		DATE 10/27/2011				

	STATE OF UTAH		FORM 9				
ι	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033				
SUNDR	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	posals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19				
2. NAME OF OPERATOR: GASCO PRODUCTION COMP	PANY		9. API NUMBER: 43047512810000				
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite	100 , Englewood, CO, 80112	PHONE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSH	tip, range, meridian: 9 Township: 09.0S Range: 19.0E Meridia	an: S	STATE: UTAH				
11. CHECK	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
12/23/2011	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction				
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date:	✓ WILDCAT WELL DETERMINATION	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I pertinent details including dates.	lenths, volumes, etc.				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Gasco Production Company would like to elect the status of this well to be changed to Wildcat. This well was drilled and will be completed in the Green River formation. There are 21 wells drilled within one mile of this well, as shown on the attached plat map. All of the wells within the one mile radius are producing from the Mancos, Mesaverde, Wasatch, or a combination of these three formations (see attached list). There are							
	e one mile radius producing f						
	on attached is a stratigraphic main pay zone in Federal 34						
ine A-band, the i		all offset wells.					
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBE 303 996-1805	R TITLE Production Tech					
SIGNATURE N/A		DATE 12/23/2011					
l		. = , = 3 . = 3					



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047512810000 See attached Preliminary Wildcat Statement of Basis.

RECEIVED: Jan. 19, 2012

DIVISION OF OIL, GAS AND MINING Preliminary Wildcat Well Determination STATEMENT OF BASIS

Applicant:

GASCO PRODUCTION COMPANY

Location:

SWSE Sec 19 T09S, R19E Uintah County, Utah

WELL NAME:

FEDERAL 34-19G-9-19 API #: 43-047-51281

FINDINGS

1. This well is currently being drilled.

- 2. This well is < 1 mile from known production out of the Wasatch formation (Attachment A).
- 3. This well is < 1 mile from known production out of the Green River formation (Attachment A).
- 4. This well is listed on APD for production out of the Wasatch and proposed on wildcat application to produce out of the Green River formation. Both of which have had production shows (Attachment A).
- 5. The well within the 1 mile area of review that has produced out of the Green River formation has now been plugged (Attachment A).

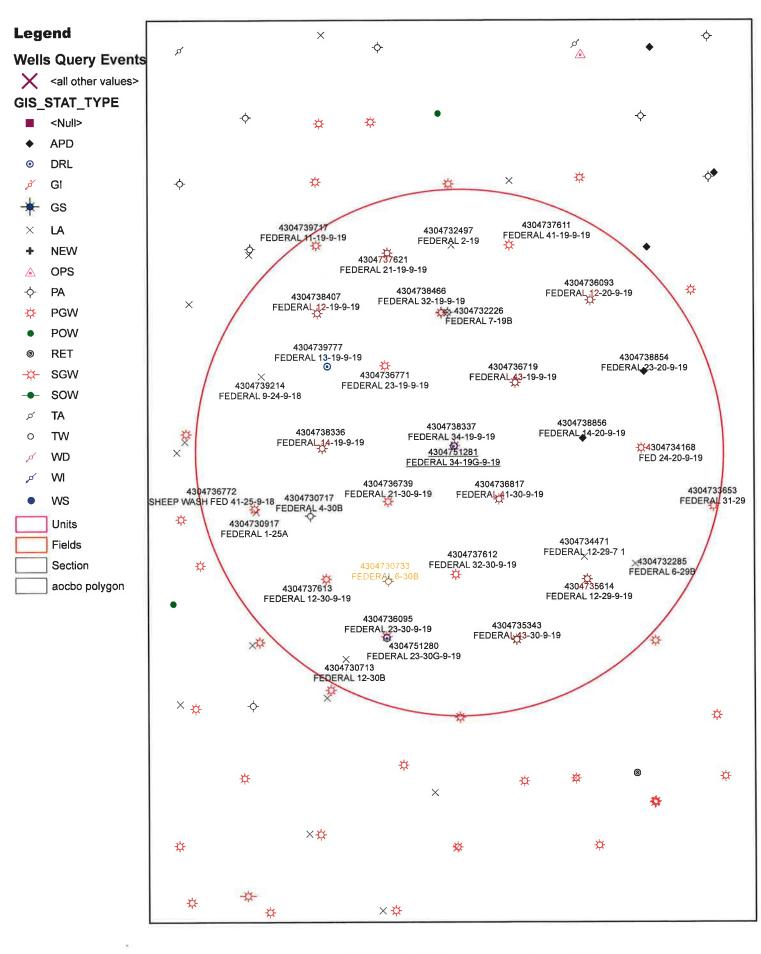
CONCLUSIONS

Based on the findings above the Division has determined the FEDERAL 34-19G-9-19 well is planned to be drilled into an area of past production for the Green River and Wasatch formations. Therefore, the Division finds that this well would not qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. Upon final completion, the operator should apply to the division for a final determination. This preliminary determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35.

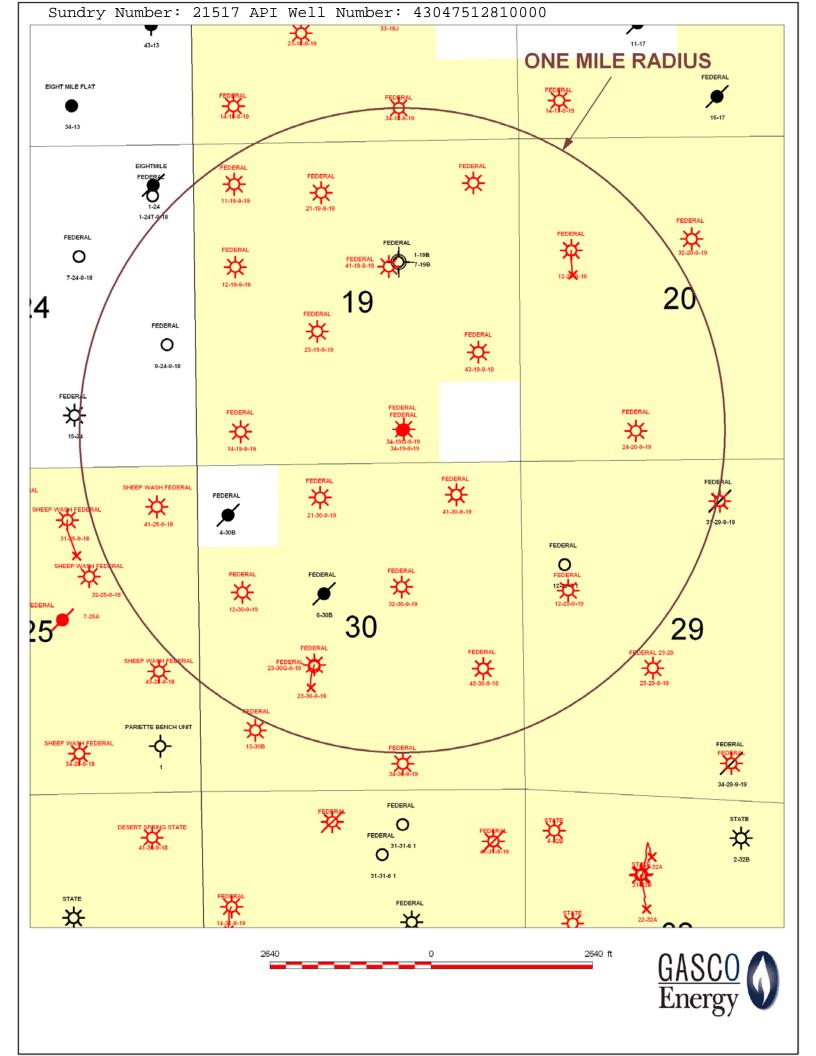
Reviewer(s): Dustin K. Doucet Date: 1/19/2012

oshua J. Payne Date: January 10, 2012

			l		١	l		ı	1 Mile Area of Review	aviou 7			
API WELL NAME	Well Status	QIR	Sect 1	Town	Range	Cum Oil	il Cum Gas		Field Type Dx From Well(ft)) Rotar Spud	Date TD Reached	Date First Produced	Date First Produced Producing Formation
)4751281	DRL	SWSE	19 (0			0				WASATCH (ON APD) GREEN RIVER (PROP?)
	DRL					0	0	D	3727	9/9/2011			WASATCH (ON APD)
						1163	512329	D	2458	4/23/2008	5/18/2008	8/12/2008	MESA VERDE - MANCOS
		-				0	0	0	2732	11/30/2011			BLACKHAWK (ON APD)
4304739717 FEDERAL 11-19-9-19	PGW	-			- 1	997	549894	0	4456	9/13/2008	11/8/2008	12/23/2008	MESA VERDE - MANCOS
	5			_		0	0	0	3723				NA
4304738856 FEDERAL 14-20-9-19	APD	۲.				0	0	0	2371				BLACKHAWK (ON APD)
1	APD	_				0	0	0	3749				BLACKHAWK (ON APD)
	PA	_ 4				0	0	o	2463	2/18/2008			NA
	PGW				190E	823	762101	0	3483	7/8/2007	8/15/2007	11/20/2007	MESA VERDE
	PGW					2323	780785	o	24		7/21/2007	11/7/2007	WASATCH - MESA VERDE
	PGW	WSWS	19 (2060	190E	1725	889665	D	2400	3/7/2008	4/23/2008	7/24/2008	MESA VERDE - MANCOS
	PGW	NENW	19 (1779	670220	0	3744		9/22/2007	10/27/2007	WASATCH - MESA VERDE - MANCOS
	PGW	WNWS	30 (190E	4055	752100	0	3372	5/12/2007	6/10/2007	9/30/2007	WASATCH - MESA VERDE
	PGW	SWNE	30 (2323	676272	D	2346	4/20/2007	5/10/2007	9/7/2007	WASATCH - MESA VERDE
	PGW	NENE	19 (190E	2274	518872	0	3835		11/25/2007	2/3/2008	MESA VERDE
	PGW		18 (190E	1600	642345	0	4816	8/25/2007	9/20/2007	12/20/2007	MESA VERDE
	PGW					1924	612996	D	1268		6/29/2006	8/8/2006	WASATCH - MESA VERDE
4304736772 SHEEP WASH FED 41-25-9-18	_	NENE	25 (180E	3410	1093544	0	3813	6/15/2006	7/15/2006	8/16/2006	MESA VERDE
		NESW	19 (2060	190E	3902	1235658	D	1937		8/6/2006	9/1/2006	MESA VERDE
-	PGW		30 (190E	677	587744	D	1569	7/23/2006	9/22/2006	10/6/2006	MESA VERDE
	PGW					3427	535551	D	1625	3/24/2006	4/24/2006	5/30/2006	MESA VERDE
_	PGW	NESW	30	2060	190E	495	920756	0	3699		11/1/2005	11/21/2005	MESA VERDE
	PGW	WNWS	20	2060	190E	2159	511292	0	3670		3/29/2006	4/25/2006	MESA VERDE
	PGW	WNWS	29 (190E	4396	732451	0	3441	12/2/2004	6/6/2005	7/18/2006	WASATCH - MESA VERDE
	PGW	NESE	30 (2060	190E	7101	840759	D	3721	8/8/2004	9/19/2004	11/7/2004	WASATCH - MESA VERDE
	5	WNWS	29	_	190E	0	0	D	3132				NA
	PGW	SESW	20 .	2060	190E	5131	647982	0	3441	6/21/2004	7/27/2004	10/18/2004	MESA VERDE
4304732497 FEDERAL 2-19	₽	NWNE	19	2060	190E	0	0	0	3681				NA
4304732479 FEDERAL 7-19B	PA	SWNE	19		190E	0	0	D	2453				NA
	⋝	SENW	29 (0905	190E	0	0	0	3962				NA
127.7	⋝	SWNE	19	2060	190E	0	0	0	2453				NA
	⋝	NENE	25	2060	180E	0	0	0	3797				NA
	PA	SENW	30 (2060	190E	4698	0	0	2753		12/18/1980	2/3/1981	GREEN RIVER
4304730717 FEDERAL 4-30B	PA	WNW	30 .	2060	190E	0	0	D	2911				NA
4304730713 FEDERAL 12-30B	5	WSWN	30	2060	190E	0	0	o	4372				NA







Federal 34-19G-9-19 Wildcat Application

Producing Wells Within One Mile Radius

Producing Wells	API	Productive Formations
Federal 11-19-9-19	43-047-39717	Mancos, Mesaverde
Federal 12-19-9-19	43-047-38407	Mesaverde
Federal 12-20-9-19	43-047-36093	Mesaverde
Federal 12-29-9-19	43-047-35614	Mesaverde, Wasatch
Federal 12-30-9-19	43-047-37613	Mesaverde, Wasatch
Federal 14-19-9-19	43-047-38336	Mancos, Mesaverde
Federal 21-19-9-19	43-047-37621	Mancos, Mesaverde, Wasatch
Federal 21-30-9-19	43-047-36739	Mesaverde
Federal 23-19-9-19	43-047-36771	Mesaverde
Federal 23-30-9-19	43-047-36095	Mesaverde
Federal 24-20-9-19	43-047-34168	Mesaverde
Federal 31-29 #1	43-047-33653	Mesaverde, Wasatch
Federal 32-19X-9-19	43-047-40233	Mancos, Mesaverde
Federal 32-30-9-19	43-047-37612	Mesaverde
Federal 34-18-9-19	43-047-37117	Mesaverde
Federal 34-19-9-19	43-047-38337	Mesaverde, Wasatch
Federal 41-19-9-19	43-047-37611	Mesaverde
Federal 41-30-9-19	43-047-36817	Mesaverde, Wasatch
Federal 43-19-9-19	43-047-36719	Mesaverde
Federal 43-30-9-19	43-047-35343	Mesaverde, Wasatch
Sheep Wash Federal 41-25-9-18	43-047-36772	Mesaverde

RECEIVED: Dec. 23, 2011

Sundry Number: 21517 API Well Number: 43047512810000 1 43047307330000

MAPCO PRODUCTION CO FEDERAL 6-308
SE SE SE NW
TWP: 9 S - Range: 19 E - Sec. 30 Accordance of the control of the con 2030 ft 43047307170000

MAPCO PRODUCTION CO
RB FEDERAL 4:30B
SW NAV NW
TWP: 9 S - Range: 19 E - Sec. 30 1530 ft 43047367360000

43047367360000

GASCO PRODUCTION CO
FEERAL 21-30-9-19
FEE RW

TWP: 9 S - Ranger: 19 E - Sec. 30 Assert read water or real specific to the state of the st 43047512810000

40047512810000

GASCO PRODUCTION CO
FEDERAL 24-193-9-19
S39 FSL 1933 FEL
TWP: 9 S - Range: 19 E - Sec. 19 1 51 101 1377 6 43047368170000

GASCO PRODUCTION CO
FEDERAL 41-30-9-19
S33 FNL 1068 FEL
TWP: 9 S - Range: 19 E - Sec. 30 ı H -500

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS, AND		i	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
SUNDR	Y NOTICES AND REPORT	rs on	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significar reenter plugged wells, or to drill ho n for such proposals.			7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 9 Township: 09.0S Range: 19.0E M	leridian: S	6	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDI	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LITER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		HANGE TUBING	CHANGE WELL NAME
1/15/2012	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN		RACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK
	✓ PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:				TEMPORARY ABANDON
	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	
	L TUBING REPAIR		ENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	II TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION		OTHER	OTHER:
This well was p	completed operations. Clearly shut on production January	15, 20	012 at 11:30 AM.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 24, 2012
NAME (PLEASE PRINT) Jessica Berg	PHONE NU 303 996-1805	JMBER	TITLE Production Tech	
SIGNATURE N/A			DATE 1/19/2012	

Form 3160-4 (August 2007)



FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	WELL C	OMPL	LETION C	R RE	CO	MPLE	TION	REPO	RT	AND L	.OG			ease Serial JTU76033	No.	-	
la. Type of	_	Oil Well	_		<u> </u>		Other						6. If	Indian, All	ottee o	r Tribe Nar	ne
b. Type of	Completion	_	New Well er	□ Wo	rk Ov	er] Deepe	n 🔲	Plug	g Back	☐ Diff.	Resvr.	7. U	nit or CA A	greem	ent Name a	nd No.
2. Name of GASCC	Operator PRODUCT	TION CC	OMPANY E	-Mail: j	berg(Contact:	: JESS energy.	ICA BEF	RG					ease Name			
3. Address	8 INVERN ENGLEW	ESS DF	RIVE EAST, O 80112	SUITE	100			3a. Phor Ph: 303		o. (include 3-1805	area cod	e)	9. A	PI Well No		43-047-	51281
4. Location			ion clearly ar	d in acc	cordar	ice with l								Field and Po			
At surfac	ce SWSE	539FSL	. 1933FEL											RIVERBEN Sec., T., R.,		Block and	Survey
At top p	rod interval r	eported b	elow SWS	SE 539	FSL	1933FEL	L							Sec., T., R., r Area Se County or P			
		SE 539F	SL 1933FE											JINTAH	arisii	13. Sta UT	
14. Date Sp 09/12/2	oudded 011			te T.D. /27/201		hed			D&.	Complete A 5/2012	ed Ready to	Prod.	17. 1	Elevations (478	DF, KI 82 GL	B, RT, GL)	*
18. Total D	•	MD TVD	5574 5574			Plug Bac		MI TV		55 55		20. De	oth Bri	dge Plug Se		MD TVD	
21. Type El DENSI	lectric & Oth TY NEUTRO	er Mecha ON LOG	nical Logs R , DUAL GUA	un (Sub RD LC	mit co	opy of ea	ch)				Was	well core DST run? ectional Su	d? rvey?	⊠ No	☐ Yes	S (Submit a S (Submit a S (Submit a	nalvsis)
23. Casing an	d Liner Reco	ord (Repo	ort all strings	set in v	vell)											_`	
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI	-	Bottor (MD		age Ceme Depth	enter		f Sks. & f Cement	Slurry (BE		Cement '	Тор*	Amour	it Pulled
17.500		75 H-40			0		60	-			46				0		
12.250 7.875	_	325 J-55 74 K-55			0		560 574				98				2500		
7.075	3.3	74 10-55	10.5			- 3,	374				90	00			2500	 	
																	
24. Tubing		(D) P	De alum Daneth	(140)	C:	- T -) 41 C	+ (3.473)	Τ,	I D.	4 (1(0))	T a:	1 5	4.0.01	<u> </u>		
Size 2.375	Depth Set (M	5264	Packer Depth	(MD)	Si	ze L	Depth Se	et (MD)	P	acker Dep	oth (MD)	Size	T De	epth Set (M	D)	Packer De	pth (MD)
25. Producii		220.1			<u> </u>		26. Per	foration	Reco	ord		1					
Fo	ormation		Тор		Во	ttom		Perfor	ated	Interval		Size]	No. Holes		Perf. Sta	tus
A)	GREEN R	IVER		4507		5308					O 5308	0.3			OPE		
B)					····						O 5208	0.3			OPE		
C) D)			<u> </u>							4790 T	U 4507	0.3	80		OPE	N	
	acture, Treat	ment, Ce	ment Squeeze	e, Etc.													
)	Depth Interva	ıl							Aı	mount and	l Type of	Material					
			<u> </u>														
28. Producti	ion - Interval	A	<u> </u>														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		Oil Gr Corr. A		Gas Grav		Product	tion Method			
01/15/2012	01/31/2012	12	Troduction -	20.0		0.0		24.8	COII. Z	31.7	Gia	ity			GAS I	_IFT	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL 41		Gas MCF 0	Wate: BBL		Gas:O Ratio	il	Wel	Status					
28a, Produc	tion - Interva	l l B		I 41	!	U	_1	50			L_	1° OVV					
Date First	Test	Hours	Test	Oil		Gas	Wate		Oil Gr		Gas		Produc	tion Method			
Produced	Date	Tested	Production	BBL		MCF	BBL		Corr.		Gra						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Wate BBL		Gas:O Ratio)il	Wel	Status			R	ECE	VED

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #130673 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28h Prod	luction - Inter	val C						-				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		
Produced	Date	Tested	Production	BBL	MCF		Corr. API	Grav		Froduction Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	l Status			
28c. Prod	luction - Inter	val D	· !	1	L			Ł				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gra		Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	Il Status	1		
29. Dispo	sition of Gas NEASURAB	Sold, used E GAS	for fuel, vent	ed, etc.)								
30. Sumn	nary of Porou	s Zones (In	clude Aquife	ers):					31. For	mation (Log) Mar	kers	
tests,	all important including dep ecoveries.	zones of p	orosity and c tested, cushic	ontents there	eof: Cored i tool open,	intervals and all , flowing and sh	l drill-stem nut-in pressure	es		. 0		
	Formation		Тор	Bottom		Descriptions	, Contents, et	c.		Name		Top Meas. Depth
GREEN F WASATC			1719 5363	5363 5574	TD	D'D NEAR TOP	OF WASA	тсн			***	
32. Addit	tional remarks	(include p	lugging proc	edure):								
22.01.1	. 1 1											
	e enclosed att		a (1 full aat w	ald)		2. Caalania D		-	DOT D.		4 100	1.0
	ectrical/Mech indry Notice t		•	- '		2. Geologic Re6. Core Analy	-		3. DST Re 7 Other:	port	4. Direction	ial Survey
34. I here	by certify that	t the forego	oing and attac	hed informa	ition is con	plete and corre	ct as determin	ned from a	ll available	e records (see attac	ched instruction	ons):
			Elect			0673 Verified b DUCTION CO				rstem.		
Name	e (please prin) JESSIC	A BERG				Title ½	AUTHOR	IZED REF	PRESENTATIVE		
Signa	ature	(Electro	nic Submiss	ion)			Date	02/10/201	12			
Title 18 I	U.S.C. Section	n 1001 and	Title 43 U.S.	C. Section	212, make	it a crime for a	ny person kno	owingly an	d willfully	to make to any de	epartment or a	gency .

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	ENT	TTY ACTION	FORM	
Operator:	Gasco Production Company		Operator Account Number: _	N 2575
Address:	8 Inverness Drive East, Suite 100			
	city Englewood		•	
		B0112	Phone Number: _	(303) 996-1805

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
4304736241	Desert Spring State 4:	3-36-9-18	NESE	36	98	18E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignment ective Date
E	14992	14992	1	0/12/200	05	11	1112
omments: Chai	nge formation code from	MVRD to WSMVD				3/1	6/12

API Number	Well h	Vame	QQ	Sec	Twp	Rng	County
4304751280	Federal 23-30G-9-19		NESW	30	98	19E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignmen ective Date
E	18211	18211	9/9/2011			11	1112
comments: Char	nge formation code from	WSTC to GRRV	211101	1)	CON	LIDE	

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
4304751281	Federal 34-19G-9-19		SWSE	19	98	19E	Uintah
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment fective Date
E	18210	18210	g	/12/201	1	11	1112
omments: Char	nge formation code from	WSTC to GRRV	CU			A	

Jessica Berg

Heare

Sigriature

Title

Name (Please Print)

Production Tech

3/7/2012

Date

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity

 E Other (Explain in 'comments' section)

MAR	1	Ŋ	2012
W AL	U	8	<u> </u>

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	W	ELL	COMP	LETIC	N OR F	RECOMPLE	TION REF	PORT	AND LC	G			ease Ser		
												UTI	J76033	3	
la. Type of b. Type of			Oil Well New We		ias Well Vork Over	Dry Deepen	Other Plug Back	☐ Diff	f. Resvr.,			L		Allottee or	
			Other:												t Name and No.
2. Name of Gasco Pro														me and Well 19G-9-19	No.
3. Address	Englewood,	CO 801	12				30	03-996-		le area code,)	43-	FI Well 047-51	281	
4. Location	•	-		•	d in accord	lance with Feder	al requiremen	ts)*					Field an erbend	d Pool or Ex	ploratory
At surfac	SWSE 5)39 F										11.	Sec., T.,	R., M., on B or Area 19-T9	
At top pro	d. interval r	eporte		SWSE :	039 FSL (& 1933 FEL						12.	County	or Parish	13. State
At total de	epth SWS	E 539	FSL &	1933 FE	EL.							Uin	tah		UΤ
14. Date Sp 09/12/201	udded		15		D. Reache	d			pleted 01/	/15/2012 ady to Prod.			Elevatio 2 GL	ns (DF, RK	B, RT, GL)*
18. Total De			74			ıg Back T.D.:	MD 5534). Depth Br	idge Plug		MD		
21. Type E		D 557 er Med		ogs Run	(Submit cor		TVD 5534		22	. Was well	cored?	ZN	TVD	Yes (Submit	analysis)
Density No				_	(545,411,55)	,, 01 0001,				Was DS1	run?	ZN	<u>ا</u> ۱۰	Yes (Submit	report)
23. Casing	and Liner R	Record	(Report	all string.	s set in wei	77)			Ł.	Direction	al Survey	? [7] N	0 🗆	Yes (Submit	copy)
Hole Size	Size/Gra	ade	Wt. (#/fi	i.) To	op (MD)	Bottom (MD) Stage Co Dep			Sks. & Cement	Slurry (BB		Cem	ent Top*	Amount Pulled
17.5	13.375 I		48	0		60			467				0		TOTAL CONTRACTOR OF THE STATE O
12.25	8.625 J-	-	24	0		560	****		274				0		
7.875	5.574 K	-55	15.5	0		5574			988			•	2500		
	ļ					+			ļ						
	1	-+													
24. Tubing	Record			<u> </u>			1		L	L					
Size 2.375	Depth 5	Set (MI	D) Pa	cker Dept	h (MD)	Size	Depth Se	t (MD)	Packer De	epth (MD)	Siz	e	Dept	h Set (MD)	Packer Depth (MD)
25. Produci			—				26. Per	foration l	Record				-		
	Formation	n			ор	Bottom		orated In	terval		ize	_	Ioles		Perf. Status
A) Green I B)	River			4507		5308	5264 - 5			.36		4		Open	
<u>С)</u>							5204 - 5			.36		4		Open	
D)							4790 - 4	507	-1	.36		4		Open	
27. Acid, F	racture. Trea	atment.	. Cement	Sauceze.	etc.		Į								
	Depth Inter									d Type of M					
<u>4507 - 530</u>)8			173,202	2 #'s of 20	0/40 sand and	1,630 bbls l	ightning	17 cross	linked gel	in 3 frac	stage	S		*
							·								
						·									· · · · · · · · · · · · · · · · · · ·
28. Product	ion - Interva	al A					,			·		·····			
Date First		Hours		t	Oil		Water	Oil Grav		Gas		uction N	lethod	DI	-CEIVED
Produced 1/15/201	1/31/201	Tested	1 Pro	duction	BBL 20.6	MCF 0	BBL 24.8	Coπ. Al	P1	Gravity	Gas	Lift			ECEIVED
	Tbg. Press.		24 1	Hr.	Oil		Water	Gas/Oil		Well Statu	s			- A	PR 0 9 2012
Size	Flwg. SI	Press.	Rat	e	BBL	MCF	BBL	Ratio		POW					
28a. Produc		zal P		<u> </u>	41	0	50			1				DIV. OF	OIL, GAS & MINING
~~~~		Hours			Oil		Water	Oil Grav		Gas	Prod	uction N	lethod		
Produced		Tested	Pro	duction	BBL	MCF	BBL	Corr. Al		Gravity					
Choke	Tbg. Press.	Csg.	24 1	Hr.	Oil	Gas	Water	Gas/Oil	<del></del>	Well Statu	s				
Size		Press.	Rat		BBL		BBL	Ratio							
	l	ı	- 1		1	1		i		1					

^{*(}See instructions and spaces for additional data on page 2)

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	uction - Inte		<del></del>	h:	<b>L</b>	L	10 11 a 1			
Date First Produced	l est Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	ction - Inte									
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Dispos No measure	l sition of Gas able gas	S (Solid, use	ed for fuel, ve	nted, etc.)	<u>-</u> 1 .					
30. Summ	ary of Poro	us Zones (	Include Aqui	fers):	_			31 Formati	ion (Log) Markers	
Show a	ll important	zones of p	orosity and co	ontents the		ntervals and all	l drill-stem tests, pressures and	31. Forman	ion (Log) warkers	
Forn	nation	Тор	Bottom		Descr	riptions, Conte	ents, etc.		Name	Top  Meas. Depth
Green River	r	1719	5363	-						
Wasatch		5363	5574	TD'd nea	ar top of Wasat	ch				
32. Addit	onal remarl	cs (include	plugging pro	cedure):				•		
33. Indica	te which ite	ms have be	en attached b	y placing a	check in the	appropriate bo	xes:			
		<del>-</del>	(1 full set req'o	•		Geologic Repor	DST F		☐ Directional Survey	
34. I herel	y certify th	at the foreg	oing and atta	ched inforr	nation is com	plete and corre	ect as determined from	om all available r	records (see attached instructions)*	
			ssica Berg				Title Producti		· 	
	gnature	Levi	u	Be	erg		Date 04/02/20			
Title 18 U	S.C. Section	n 1001 and dulent state	Title 43 U.S.	C. Section resentations	1212, make it s as to any ma	t a crime for an	ny person knowingl jurisdiction.	y and willfully to	make to any department or agency	of the United States any

(Continued on page 3)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

#### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	WELL COMPLETION OR RECOMPLETION REPORT AND LOG								5. Lease Serial No.						
												UTI	J76033	3	
la. Type of b. Type of			Oil Well New We		ias Well Vork Over	Dry Deepen	Other Plug Back	☐ Diff	f. Resvr.,			L		Allottee or	
			Other:	<del></del>								7. Unit or CA Agreement Name and No.			
2. Name of Gasco Pro												8. Lease Name and Well No. Federal 34-19G-9-19			
3. Address	Englewood,	CO 801	12				30	03-996-		le area code,	)	43-	FI Well 047-51	281	
4. Location	•	-		•	d in accord	lance with Feder	al requiremen	ts)*					Field an erbend	d Pool or Ex	ploratory
At surfac	SWSE 5	)39 F										11.	Sec., T.,	R., M., on B or Area 19-T9	
At top pro	d. interval r	eporte		SWSE :	039 FSL (	& 1933 FEL						12.	County	or Parish	13. State
At total de	epth SWS	E 539	FSL &	1933 FE	EL.							Uin	tah		UΤ
14. Date Sp 09/12/201	udded		15		D. Reache	d			pleted 01/	/15/2012 ady to Prod.			Elevatio 2 GL	ns (DF, RK	B, RT, GL)*
18. Total De			74			ıg Back T.D.:	MD 5534			). Depth Br	idge Plug		MD		
21. Type E		D 557 er Med		ogs Run	(Submit cor		TVD 5534		22	. Was well	cored?	ZN	TVD	Yes (Submit	analysis)
Density No				_	(545,411,55)	,, 01 0001,				Was DS1	run?	ZN	<u>ا</u> ۱۰	Yes (Submit	report)
23. Casing	and Liner R	Record	(Report	all string.	s set in wei	77)			Ł.	Direction	al Survey	? <b>[7</b> ] N	0 🗆	Yes (Submit	copy)
Hole Size	Size/Gra	ade	Wt. (#/fi	i.) To	op (MD)	Bottom (MD	) Stage Co Dep			Sks. & Cement	Slurry Vol. t (BBL)		Cem	ent Top*	Amount Pulled
17.5	13.375 I		48	0		60			467				0		TOTAL CONTRACTOR OF THE STATE O
12.25	8.625 J-	-	24	0		560	****		274			0			
7.875	5.574 K	-55	15.5	0		5574			988			2500			
	ļ					+			ļ						
	1	-+													
24. Tubing	Record			<u> </u>			1		L	L					
Size 2.375	Depth 5	Set (MI	D) Pa	cker Dept	h (MD)	Size	Depth Se	t (MD)	Packer De	epth (MD)	Siz	e	Dept	h Set (MD)	Packer Depth (MD)
25. Produci			—				26. Per	foration	Record				-		
	Formation	n			ор	Bottom		orated In	terval		ize	No. Holes Perf. Status			Perf. Status
A) Green I B)	River			4507		5308	5264 - 5			.36		4		Open	
<u>С)</u>							5204 - 5			.36		4		Open	
D)							4790 - 4	507	-1	.36		4		Open	
27. Acid, F	racture. Trea	atment.	. Cement	Sauceze.	etc.		Į								
	Depth Inter									d Type of M					
<u>4507 - 530</u>	)8			173,202	2 #'s of 20	0/40 sand and	1,630 bbls l	ightning	17 cross	linked gel	in 3 frac	stage	S		*
							·								
						·									· · · · · · · · · · · · · · · · · · ·
28. Product	ion - Interva	al A					,			·		·····			
Date First		Hours		t	Oil		Water	Oil Grav		Gas		uction N	lethod	DI	-CEIVED
Produced 1/15/201	1/31/201	Tested	1 Pro	duction	BBL 20.6	MCF 0	BBL 24.8	Coπ. Al	P1	Gravity	Gas	Lift			ECEIVED
	Tbg. Press.		24 1	Hr.	Oil		Water	Gas/Oil	<del></del>	Well Statu	s			A	PR 0 9 2012
Size	Flwg. SI	Press.	Rat	e	BBL	MCF	BBL	Ratio		POW					
28a. Produc		zal P		<u> </u>	41	0	50			1				DIV. OF	OIL, GAS & MINING
~~~~		Hours			Oil		Water	Oil Grav		Gas	Prod	uction N	lethod		
Produced		Tested	Pro	duction	BBL	MCF	BBL	Corr. Al		Gravity					
Choke	Tbg. Press.	Csg.	24 1	Hr.	Oil	Gas	Water	Gas/Oil		Well Statu	s				
Size		Press.	Rat		BBL		BBL	Ratio							
	l	Į.	- 1		1	1		i		1					

^{*(}See instructions and spaces for additional data on page 2)

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	uction - Inte			h:	L	L	10 11 a 1						
Date First Produced	l est Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
	ction - Inte												
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Gas Production Method Gravity				
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
29. Dispos No measure	l sition of Gas able gas	S (Solid, use	ed for fuel, ve	nted, etc.)	<u>-</u> 1 .								
30. Summ	ary of Poro	us Zones (Include Aqui	fers):	_			31 Formati	ion (Log) Markers				
Show a	ll important	zones of p	orosity and co	ontents the		ntervals and all	l drill-stem tests, pressures and	31. Forman	ion (Log) warkers				
Forn	nation	Тор	Bottom		Descr	riptions, Conte	ents, etc.	Name		Top Meas. Depth			
Green River	r	1719	5363	-									
Wasatch		5363	5574	TD'd nea	ar top of Wasat	ch							
32. Addit	onal remarl	cs (include	plugging pro	cedure):				•					
33. Indica	te which ite	ms have be	en attached b	y placing a	check in the	appropriate bo	xes:						
		-	(1 full set req'o	•		Geologic Repor	DST F		☐ Directional Survey				
34. I herel	y certify th	at the foreg	oing and atta	ched inforr	nation is com	plete and corre	ect as determined from	om all available r	records (see attached instructions)*				
			ssica Berg				Title Producti		· 				
	gnature	Levi	u	Be	erg		Date 04/02/20						
Title 18 U	Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.												

(Continued on page 3)

Sundry Number: 26157 API Well Number: 43047512810000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH		FORM 9							
,	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033							
SUNDR	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME:							
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19							
2. NAME OF OPERATOR: GASCO PRODUCTION COM	9. API NUMBER: 43047512810000									
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite	9. FIELD and POOL or WILDCAT: PARIETTE BENCH									
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL			COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 1	HIP, RANGE, MERIDIAN: 19 Township: 09.0S Range: 19.0E Meridia	n: S	STATE: UTAH							
11. CHEC	CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION		TYPE OF ACTION								
Gasco intend	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all sto replace the current gas lif 9-19 with a C-101 Arrow Oilf	t on the Federal	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Production facility change Bepths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining Date: June 26, 2012 By:							
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE								
Jessica Berg SIGNATURE	303 996-1805	Production Tech DATE								
N/A		5/29/2012								

	STATE OF UTAH		FORM 9				
ı	DEPARTMENT OF NATURAL RESOURG DIVISION OF OIL, GAS, AND MII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033				
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 34-19G-9-19				
2. NAME OF OPERATOR: GASCO PRODUCTION COMI		9. API NUMBER: 43047512810000					
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite	PHONE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0539 FSL 1933 FEL		COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 19 Township: 09.0S Range: 19.0E Merio	dian: S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOF	T, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION						
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion: 6/28/2012	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
 	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
DRILLING REPORT	TUBING REPAIR	U VENT OR FLARE	☐ WATER DISPOSAL ☐				
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Change to production faciliti				
Gasco Product	completed operations. Clearly show tion replaced the current gas a Lufkin pumping unit and engine.	s lift on the Federal	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 05, 2012				
NAME (PLEASE PRINT) Jessica Berg	PHONE NUME 303 996-1805	BER TITLE Production Tech					
SIGNATURE	303 880-1003	DATE					
N/A		7/3/2012					

RECEIVED: Jul. 03, 2012

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Prodcution Company N2575	Badlands Production Company N4265
7979 E. Tufts Avenue, Suite 11500	7979 E. Tufts Avenue, Suite 11500
Denver, CO 80237	Denver, CO 80237
303-996-1805	303-996-1805
CA Number(s):	Unit(s):Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

6/2/2015

2. Sundry or legal documentation was received from the **NEW** operator on:

6/2/2015

3. New operator Division of Corporations Business Number:

1454161-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

6/2/2015

2. Receipt of Acceptance of Drilling Procedures for APD on:

N/A

3. Reports current for Production/Disposition & Sundries:

6/3/2015

4. OPS/SI/TA well(s) reviewed for full cost bonding:

1/20/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

N/A

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

SUR0027842

2. Indian well(s) covered by Bond Number:

N/A

3.State/fee well(s) covered by Bond Number(s):

SUR0027845

SUR0035619 -FCB

DATA ENTRY:

1. Well(s) update in the OGIS on:	1/22/2016
2. Entity Number(s) updated in OGIS on:	1/22/2016
3. Unit(s) operator number update in OGIS on:	1/22/2016
4. Surface Facilities update in OGIS on:	N/A
5. State/Fee well(s) attached to bond(s) in RBDMS on:	1/22/2016
6. Surface Facilities update in RBDMS on:	N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

1/22/2016

COMMENTS:

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

Effective Date: 4/16/2015		T	1-00			1	1		T
Well Name	Section	TWN	-	API Number	Entity	Mineral	Surface	Туре	Status
FEDERAL 23-18G-9-19	18	090S		4304752496		Federal	Federal		APD
FEDERAL 14-17G-9-19	17	090S		4304752522		Federal	Federal		APD
FEDERAL 13-18G-9-19	18	090S		4304752538		Federal	Federal	_	APD
FEDERAL 23-29G-9-19	29	090S		4304752544		Federal	Federal	+	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	1	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070	•	Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	0908	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	0908	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	0908		4304753078	(mm)	Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	1	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S		4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S		4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S		4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	1	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	-	4304754481	-	State	State	GW	APD
State 413-32-9-19	32	090S	-	4304754482	1	State	State	GW	APD
State 323-32-9-19	32	090S	-	4304754483	 	State	State	GW	APD
State 431-32-9-19	32	090S		4304754529	ļ	State	State	GW	APD
The state of the s				4304754541			-	-	-
Desert Spring State 224-36-9-18	36	090S			1	State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	-	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	0908		4304754543	10650	State	State	GW	APD
FEDERAL 332-30-9-19	30	0908		4304753012		Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S		4301333098	-	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S		4304736915	16556		Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S		4304738573		Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	-	4304739777		Federal	Federal	-	OPS
FEDERAL 12-17-9-19	17	090S	-	4304739800			Federal	+	OPS
GATE CYN 31-21-11-15	21	110S		4301332391	13787		State	GW	P
WILKIN RIDGE ST 12-32-10-17	32		-	4301332447		-	State		P
GATE CYN 41-20-11-15	20	110S	-	4301332475	-		State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	1008	-	4301332730	15243		State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S		4301332773		Federal	Federal	+ -	P
WILKIN RIDGE 32-08	8	110S	1	4301332778			Federal		P
GATE CYN ST 23-16-11-16	16	1105	-	4301332888			State	-	P
WILKIN RIDGE FED 24-20-10-17	20	1008				Federal	Federal		P
WILKIN RIDGE FED 32-20-10-17	20	100S	1	4301333087		Federal	Federal		P
WILKIN RIDGE FED 14-4-11-17	4	110S	-	4301333099	-		Federal	-	P
RYE PATCH FED 22-21	22	110S		4301333037		Federal	Federal		P
RYE PATCH FED 22-21 RYE PATCH FED 24-21	24	1105	+	4301333437		Federal	Federal	-	P
The second of th	2		1						P
SQUAW CROSSING U 5	-	1005	-	4304730129	16266		State	OW	-
RBU 5-11D	11	1008	_		9005	Federal	Federal		P
FEDERAL 7-25A	25	090S	INOF	4304730624	9030	Federal	Federal	UW	P

RBU 6-2D	2	100S	180E 4304731190 7075 State State OW P)
NGC 33-18J	18	090S	190E 4304731190 7073 State State OW P	
	2	100S	180E 4304731280 16267 State State OW P	
RBU 13-2D	3			
RBU 16-3D		1005		
RBU 10-11D	11	100S	180E 4304731357 7053 Federal Federal OW P	
RBU 8-10D	10	1008	180E 4304731364 4955 Federal Federal OW P	
RBU 15-3D	3	100S	180E 4304731539 9965 Federal Federal OW P	
RBU 12-12D	12	1008	180E 4304731651 10688 Federal Federal OW P	
RBU 2-10D	10	100S	180E 4304731801 10784 Federal Federal OW P	
RBU 3-15D	15	100S	180E 4304733600 13213 Federal Federal OW P	
RBU 3-12D	12	100S	180E 4304733739 14492 Federal Federal OW P	
STATE 7-36A	36	090S	180E 4304733741 14244 State State GW P	
FEDERAL 34-29	29	090S	190E 4304733750 13174 Federal Federal GW P	
FEDERAL 24-7 #1	7	100S	180E 4304733983 13182 Federal Federal GW P	•
FEDERAL 23-29 #1	29	090S	190E 4304734111 13441 Federal Federal GW P	•
FED 24-20-9-19	20	090S	190E 4304734168 14150 Federal Federal GW P	•
FED 44-20-9-19	20	090S	190E 4304734169 14140 Federal Federal GW P)
FED 23-21-9-19	21	090S	190E 4304734199 13601 Federal Federal GW P	•
FED 32-31-9-19	31	090S	190E 4304734201 13641 Federal Federal GW P)
FED 42-29-9-19	29	090S	190E 4304734202 13455 Federal Federal GW P)
PETES WASH 23-12 #1	12	100S	170E 4304734286 13492 Federal Federal GW P)
STATE 4-32B	32	090S	190E 4304734314 14440 State State GW P	
FED 14-18-2 #1	18	100S	180E 4304734539 13491 Federal Federal GW P	
FED 43-24-3 #1	24	100S	170E 4304734551 13726 Federal Federal GW P	
LYTHAM FED 22-22-9-19	22	0908	190E 4304734607 13640 Federal Federal GW P	
FED 11-21-9-19	21	0908	190E 4304734608 14151 Federal Federal GW P	
FED 22-30-10-18	30	100S	180E 4304734924 14280 Federal Federal GW P	
FEDERAL 43-30-9-19	30	090S	190E 4304735343 14202 Federal Federal GW P	
FED 11-22-9-19	22	090S	190E 4304735404 14203 Federal Federal GW P	
FED 42-21-9-19	21	090S	190E 4304735405 14928 Federal Federal GW P	
	16			
STATE 24-16-9-19		0908		
FEDERAL 31-21-9-19	21	090S	190E 4304735606 14441 Federal Federal GW P	
FEDERAL 12-29-9-19	29	0908	190E 4304735614 14442 Federal Federal GW P	
FEDERAL 24-31-9-19	31	090S	190E 4304735623 14640 Federal Federal GW P	-
FEDERAL 41-31-9-19	31	0908	190E 4304735624 14419 Federal Federal GW P	
LAMB TRUST 24-22-9-19	22		190E 4304735732 14496 Fee Fee GW P	
LAMB TRUST 24-14-9-19	14		190E 4304735733 14519 Fee Fee GW P	
FEDERAL 11-22-10-18	22		180E 4304735808 15592 Federal Federal GW P	
FEDERAL 21-6-10-19	6	100S	190E 4304735844 14356 Federal Federal GW P	
DESERT SPRING ST 41-36-9-18	36	090S	180E 4304735845 14639 State State GW P	
STATE 12-32-9-19	32	090S	190E 4304735995 14871 State State GW P	
FEDERAL 12-20-9-19	20	090S	190E 4304736093 14976 Federal Federal GW P)
FEDERAL 32-20-9-19	20	090S	190E 4304736094 16120 Federal Federal GW P	
FEDERAL 23-30-9-19	30	090S	190E 4304736095 14872 Federal Federal GW P)
SHEEP WASH FED 34-26-9-18	26	090S	180E 4304736113 15096 Federal Federal GW P)
DESERT SPRING ST 23-36-9-18	36	090S	180E 4304736219 14738 State State GW P)
DESERT SPRING ST 21-36-9-18	36	090S	180E 4304736220 14763 State State GW P)
DESERT SPRING ST 12-36-9-18	36	090S	180E 4304736233 14764 State State GW P	
DESERT SPRING ST 43-36-9-18	36	090S	180E 4304736241 14992 State State GW P	•
DESERT SPRING ST 34-36-9-18	36	090S	180E 4304736242 14716 State State GW P)
FEDERAL 14-31-9-19	31	090S	190E 4304736271 15884 Federal Federal GW P)
FEDERAL 12-31-9-19	31	090S	190E 4304736336 15086 Federal Federal GW P	
FEDERAL 21-31-9-19	31	0908	190E 4304736368 15605 Federal Federal GW P	
FEDERAL 23-31-9-19	31	0908	190E 4304736442 15715 Federal Federal GW P	
SHEEP WASH FED 43-25-9-18	25	090S	180E 4304736600 14977 Federal Federal GW P	
FEDERAL 43-19-9-19	19	090S	190E 4304736719 15186 Federal Federal GW P	
1 DDDIM1D 7J-17-7-17	17	10703	I TOUCH TOUT I TO I TOUCHAI TOUCHAI UW F	

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

CHEED WASH DED OF O 10	- 105	0000	100E 4004504505	15675	P. 1 2	F. 2 1	CITY	D
SHEEP WASH FED 21-25-9-18	25	090S	180E 4304736727			Federal	GW	P
FEDERAL 21-30-9-19	30	0908	190E 4304736739		Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E 4304736740		Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E 4304736771		Federal			P
SHEEP WASH FED 41-25-9-18	25	090S	180E 4304736772		+	Federal	+	P
FEDERAL 41-30-9-19	30		190E 4304736817			Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E 4304736913		+	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E 4304736916			Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E 4304737115	 		State	GW	P
FEDERAL 14-17-9-19	17	0908	190E 4304737116		Federal	Federal	+	P
FEDERAL 34-18-9-19	18		190E 4304737117		Federal	Federal		P
UTELAND ST 41-2-10-18	2	100S	180E 4304737132	15087	-	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E 4304737338	-		State	GW	P
FEDERAL 41-19-9-19	19	0908			Federal	Federal	_	P
FEDERAL 32-30-9-19	30	0908	190E 4304737612		 	Federal		P
FEDERAL 12-30-9-19	30	0908	190E 4304737613	 	+	Federal		P
FEDERAL 21-19-9-19	19		190E 4304737621		Federal		GW	P
FEDERAL 14-18-9-19	18	0908	190E 4304737622			Federal		P
FEDERAL 34-30-9-19	30	090S	190E 4304737630	 		Federal		P
DESERT SPRING FED 21-1-10-18	1	1008	180E 4304737631			Federal	+	P
FEDERAL 12-1-10-18	1	1005	180E 4304737646		+	Federal	+	P
SHEEP WASH FED 14-25-9-18	25	090S	180E 4304737647			Federal		P
UTELAND ST 21-2-10-18	2	100S	180E 4304737676			State	GW	P
UTELAND ST 12-2-10-18	2	100S		15806		State	GW	P
UTELAND ST 34-2-10-18	2	1008		16868	+	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E 4304738336		+	Federal	+	P
FEDERAL 34-19-9-19	19	0908			Federal	Federal	_	P
SHEEP WASH FED 41-26-9-18	26	0908			Federal	Federal		P
SHEEP WASH FED 32-25-9-18	25	0908	180E 4304738352		Federal	Federal		P
SHEEP WASH FED 34-25-9-18	25 19	090S 090S			Federal	Federal Federal		P
FEDERAL 12-19-9-19	26	090S	190E 4304738407 180E 4304738465			Federal	GW	P
SHEEP WASH FED 23-26-9-18	25	0908			Federal Federal			P
SHEEP WASH FED 12-25-9-18	18	090S	190E 4304738575			Federal	GW	P
FEDERAL 23-18-9-19 LAMB TRUST 34-22A-9-19	22		190E 4304738573 190E 4304738673			Federal		P
UTELAND FED 42-11-10-18	11		180E 4304738896			Fee	GW	P
	32	090S	190E 4304739170		·			P
STATE 22 22A	32		190E 4304739170 190E 4304739171			State	GW	P
STATE 21-22A	32	0908	190E 4304739171 190E 4304739172			State	GW	P
STATE 21-32A	19	090S 090S	190E 4304739172 190E 4304739717		·	State Federal	GW	
FEDERAL 11-19-9-19 SHEEP WASH FED 31-25-9-18	25	_	180E 4304739717		 		_	P P
	25	0908				Federal	+	+
SHEEP WASH FED 11-25-9-18	1	090S	180E 4304739730		+	Federal	 	P
DESERT SPG FED 41-1-10-18 FED 32-19X-9-19(RIGSKID)	19	100S 090S			Federal Federal	Federal Federal		P P
FEDERAL 23-30G-9-19	30	090S			Federal	Federal		P
FEDERAL 23-30G-9-19 FEDERAL 34-19G-9-19	19	090S	190E 4304751280			Federal		P
FEDERAL 34-19G-9-19 FEDERAL 442-30-9-19	30	090S	190E 4304751281 190E 4304752870		†	Federal	 	P
FEDERAL 333-30-9-19	30	090S	190E 4304752870 190E 4304752872			Federal		P
FEDERAL 423-30-9-19	30	090S	190E 4304752872 190E 4304753011			Federal		P
Desert Springs State 412-36-9-18	36	090S	180E 4304753324			State	GW	P
	36	090S	180E 4304753324 180E 4304753325		-		+	P
Desert Springs State 424-36-9-18 Desert Springs State 123-26-9-18	36	090S	· · · · · · · · · · · · · · · · · · ·		·	State	GW	P
Desert Spring State 133-36-9-18			180E 4304753326			State	GW	
Desert Spring State 142-36-9-18	36	0908	180E 4304753327			State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	0908	180E 4304753328			State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E 4301332677			State	GW	S
RBU 4-11D	11	100S	180E 4304730718	10209	rederal	Federal	UW	S

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	ow	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

ı		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482			
SUNDRY	NOTICES AND REPORTS ON WEI	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill n drill horizontal la	wwwells, significantly deepen existing wells below current bottom-hole de erals. Use APPLICATION FOR PERMIT TO DRILL form for such propos	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME:		
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: Desert Spring Fed 21-1-10-18		
2. NAME OF OPERATOR:			9. API NUMBER: 4304737631		
Gasco Production Compa		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:		
7979 E. Tufts Ave.	Denver STATE CO ZIP 80237	(303) 483-0044	Uteland Butte		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0633 F	NL 1512 FWL		соинту: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANG	BE, MERIDIAN: NENW 1 10S 18E S		STATE: UTAH		
11. CHECK APPE	OPRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION	1	YPE OF ACTION			
Gasco Production Compar	CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS PRODUCT COMMINGLE PRODUCING FORMATIONS RECLAMA CONVERT WELL TYPE MPLETED OPERATIONS. Clearly show all pertinent details in any requests a change of operator on this well dlands Production Company, effective date	STRUCTION R CHANGE ABANDON K ION (START/RESUME) FION OF WELL SITE ETE - DIFFERENT FORMATION Icluding dates, depths, volume I, in addition to the we			
303-996-1805 Michael Decker, Exec. Vid	President & COO		RECEIVED		
Badlands Production Com	pany		REVEIVEL		
7979 E Tufts Ave, Suite 11			JUN 0 2 2015		
Denver CO 80237 303-996-1805					
Michael Decker, Exec. Vice	President & COO	DIV. :	OF OIL, GAS & MINING		
NAME (PLEASE PRINT) Lindsey Co	oke TIT	Engineering Tech	1		
SIGNATURE AND SIGNATURE	COOKE DA	5/18/2015			
(This space for State use only)		API	PROVED		

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	1108	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	1108	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	1108	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	1108	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	1108	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	1108	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	1008	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100\$	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	0908	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	1008	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	1008	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	1008	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	1008	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	1005	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090\$	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	0908	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	0908	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	0908	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19 FED 42-29-9-19	31 29	090S 090S	190E 190E	4304734201 4304734202	13641 13455	Federal Federal	Federal Federal	GW GW	P P
PETES WASH 23-12 #1			170E			Federal		GW	
	12 32	1008		4304734286	13492	State	Federal State		P P
STATE 4-32B		090\$	190E 180E	4304734314	14440			GW GW	
FED 14-18-2 #1	18	100S		4304734539	13491	Federal	Federal Federal		P
FED 43-24-3 #1 LYTHAM FED 22-22-9-19	24 22	100S 090S	170E 190E	4304734551 4304734607	13726 13640	Federal Federal	Federal	GW GW	P P
FED 11-21-9-19 FED 22-30-10-18	21 30	090S 100S	190E 180E	4304734608 4304734924	14151 14280	Federal Federal	Federal Federal	GW GW	P P
			190E		14202	Federal	Federal	GW	
FEDERAL 43-30-9-19	30	0908		4304735343					P P
FED 11-22-9-19 FED 42-21-9-19	22 21	090S 090S	190E 190E	4304735404 4304735405	14203 14928	Federal Federal	Federal Federal	GW GW	P P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	r P
31A1E 44-10-7-17	10	いろいろ	IYUE	4JU4/JJJ00	14419	SIMIC	reuerai	UW	Г

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FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
									P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	-
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090\$	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	0908	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
									P
FEDERAL 21-30-9-19	30	090\$	190E	4304736739	15476	Federal	Federal	GW	_
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090\$	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S		4304737613		Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E		16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30		190E			Federal	Federal		
		090S		4304737630	16557			GW	P
DESERT SPRING FED 21-1-10-18		100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	0908	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
	10	0700	LOUD	.507,505/3	10012	. Julia	. Judai	J 11	•

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	ow	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	ow	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S